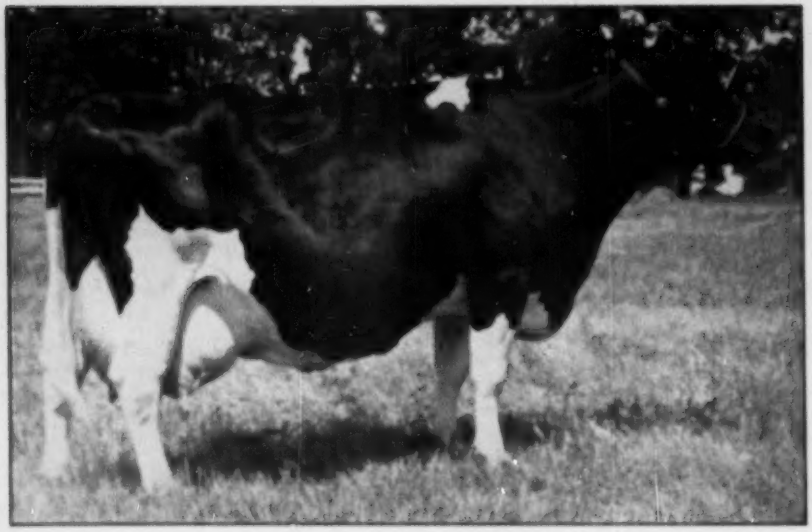
Holstein-Friesian WORLD

UNIVERSITY MICROFILMS 1-31C
313 N. FIRST ST.
ANN ARBOR, MICH.

Mother of Herd Sires

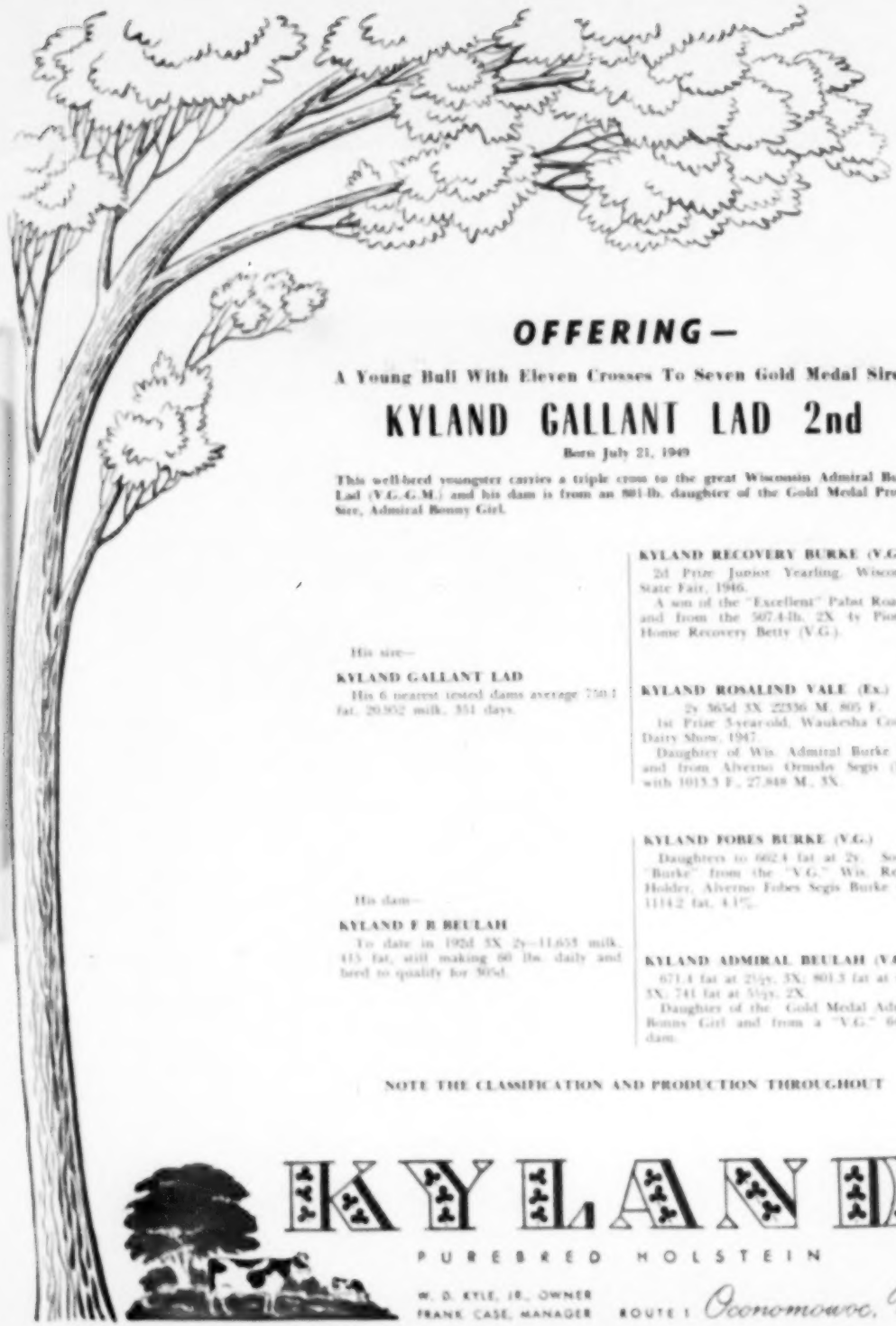


LILLY ORMSBY PRIDE TRITOMIA 2236894

A. R. at 4 years — 27,185 lbs. milk, 3.8%, 1042.6 lbs. fat in 365 days (4X). Bred by Paul Stewart; owned by D. A. Bath, Belmont, Mich.

In This Issue

Canada's Annual Meeting
Living Lifetime Producers
State Meetings



OFFERING—

A Young Bull With Eleven Crosses To Seven Gold Medal Sires!

KYLAND GALLANT LAD 2nd

Born July 21, 1949

This well-bred youngster carries a triple cross to the great Wisconsin Admiral Burke Lad (V.G.-G.M.) and his dam is from an 801-lb. daughter of the Gold Medal Proven Sire, Admiral Bonny Girl.

His sire—

KYLAND GALLANT LAD

His 6 nearest tested dams average 750.1 fat, 20,952 milk, 351 days.

KYLAND RECOVERY BURKE (V.G.)

2d Prize Junior Yearling, Wisconsin State Fair, 1946.

A son of the "Excellent" Pabst Roamer and from the 507.4-lb. 2X 4y Pioneer Home Recovery Betty (V.G.).

KYLAND ROSALIND VALE (Ex.)

2y 365d 3X 22336 M. 805 F.

1st Prize 3-year-old, Waukesha County Dairy Show, 1947.

Daughter of Wis. Admiral Burke Lad and from Alverno Ormsby Segis (Ex.), with 1013.5 F., 27,848 M., 3X.

His dam—

KYLAND F B BEULAH

To date in 192d 5X 2y—11,655 milk, 415 fat, still making 60 lbs. daily and bred to qualify for 50%d.

KYLAND FOBES BURKE (V.G.)

Daughters to 662.4 fat at 2y. Son of "Burke" from the "V.G." Wis. Record Holder, Alverno Fobes Segis Burke with 1114.2 fat, 4.1%.

KYLAND ADMIRAL BEULAH (V.G.)

671.4 fat at 2½y, 3X; 801.3 fat at 4½y, 5X; 741 fat at 5½y, 2X.

Daughter of the Gold Medal Admiral Bonny Girl and from a "V.G." 648-lb dam.

NOTE THE CLASSIFICATION AND PRODUCTION THROUGHOUT

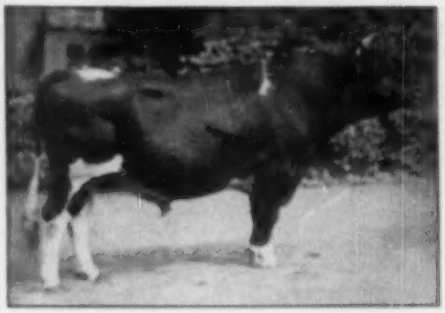
KYLAND

PUREBRED HOLSTEIN

W. D. KYLE, JR., OWNER
FRANK CASE, MANAGER

ROUTE 1 Oconomowoc, Wis.

An Awfully Good Bull to Earlville



OSBORNDALE SIR OLIVER ORMSBY KING
Gold Medal Proven Sire
Photo at 11 years
Our son of Osborndale King Ormsby from Osborndale Olive Maid (one of the breed's greatest transmitting female families).

In the March 1st Sale

Born March 2, 1949. 15 nearest dams average 27,365 milk, 4%, 851.6 fat. Dark colored and a nice individual. Full brother sold to Machold Farms last year.

Dam: Osborndale Leila Olive Ormsby

Best record: 4y 2X 16124 4.2% 675.1 (CC 192d).

A good prospect for a much better record.

She completes four generations of over 4.1% testers. A daughter of Sir Bess Ormsby May 2d (Gold Medal), her dam, by Osborndale King Ormsby sold for $1200 in the Maple Haven dispersal, she with 638.4 lbs., 4.1% at 5y, in 294d. A maternal sister to the dam sold for $1850 in the 208th Earlville Sale to South America.

Two Nearest Sires Are Both Gold Medal Proven Bulls

Also consigning a 5-year-old cow bred to Osborndale Favorite Son.

OSBORNDALE — Derby, Conn.

F. M. NICHOLS, Mgr. **MRS. W. S. KELLOGG, Owner** **HANS JENSEN, Herdsman**

Did You Say 4%? Here's Our "Belle" Family!

DUNLOGGIN DUCHESS BELLE
(Very Good at 12y)

6- 1	2X	3464	15137	4.0%	602.4
7- 2	2X	3464	17545	4.0%	708.6
8- 3	2X	3454	17246	4.0%	694.5
9-10	2X	3054	13411	4.0%	538.5

"DUCHESS BELLE" came to us from Dunloggin, and since has produced and reproduced both milk and offspring of quality and quantity. She is from Christmas Belle (780 fat 4%) that in turn is from New Year Belle (1058 fat 4.3%), and she from the great foundation cow, Pietertje Homestead Belle (889 fat) with 4 AR daughters averaging 4%, plus 2 well-proven sons.

Old "Duchess Belle" herself has had to date 6 daughters, 3 of them full sisters by Fond Memory that average better than 500 lbs., 4%, at 2y; a Footprint daughter that has 647 lbs., 4.1% at 4y (this is lovely "Pica", dam of one of our junior herd sires, "Fond Duke", and with a V.G. 2-year-old daughter by Gracious Master making 500 lbs. 4.2%). Belle also has two Gracious Master daughters, one a bred heifer, the other a calf. In addition, Belle claims 3 sons. The youngest, "Master Lad" owned by a group in Maine, won its class at Eastern States last year.

We could go on and on . . . But! ! !

BROAD ROCK FARMS

Peace Dale, Rhode Island

Published First and Third Saturday of Each Month — Price $3.00 Per Year
Entered as second class matter, December 16, 1918, at the Post Office at Lacona, New York, under the act of March 4, 1879

THE ALL-AMERICAN and RESERVE ALL-AMERICAN GETS OF 1949

All-American Get of Sire, 1949.
1st Prize Waterloo and International.

— THEIR SIRE —

Res. All-American Get of Sire, 1949.
1st Prize Ohio and Michigan.

— THEIR SIRE —

PABST REGAL "Excellent"

PABST ROAMER "Excellent"
Gold Medal Proven Sire.

There is real production along with the outstanding type of the daughters of these sires.

As more Pabst Regal daughters finish test and the total number of daughters is increased, the average of their production changes very little. Regal now has 21 daughters finished and they average 18,230 lbs. of milk, 2.8%, and 686.9 lbs. of fat at 2 years, 5 months on three-time. One of these 21 daughters has 935 lbs., and two have over 100 lbs., all as junior two-year-olds.

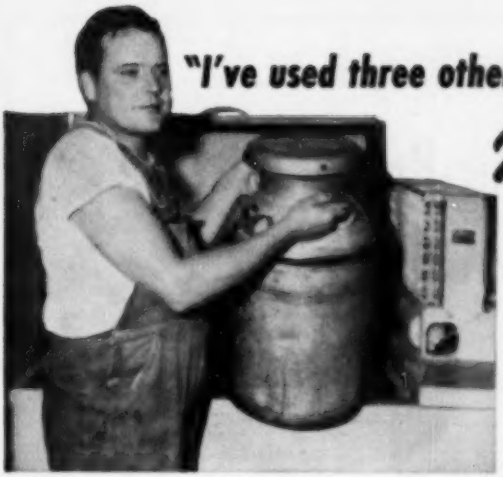
Pabst Roamer has 40 daughters that average 17,939 lbs. of milk, 3.7%, and 661.9 lbs. of fat at 2 years, 4 months, on three-time.

Two of our junior herd sires are pictured in the above Gets. The son of Pabst Regal is Pabst Sir Regal Fobes, the Reserve All-American 3-year-old of 1949, and Reserve All-American 2-year-old of 1948. His dam is a Burke daughter with 679 lbs. as a 2 year-old and two records of over 700 lbs. of fat.

The son of Pabst Roamer is Pabst Roamer Dean Walker Lad, All-American 2-year-old of 1949, and a member of the Reserve All-American Produce of 1948. His full sister is Pabst Roamer Dean Walker, All-American 2-year-old Heifer of 1948. His dam will finish test this month with about 897 lbs. of fat, 4.3%.

Write for pedigrees on Burke-bred bull calves and information for securing semen from our sires.

PABST FARMS INC. **Acc. & Neg.** **OCONOMOWOC, WIS.**



"I've used three other makes...none compare with my *McCormick Milkers*"

says R. J. Lesley, Indian Trail, N. C.

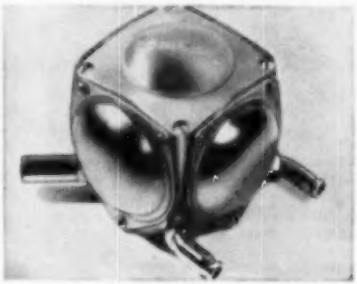
"It took some convincing to get me to install McCormick milkers. I had been using other well-known makes on large dairy farms for 25 years. *I'm convinced now*—that the McCormick is the smoothest-operating, cleanest-milking outfit I ever handled. It always gets all the milk without hand stripping, and is easier to handle in the barn. Easiest to clean of the whole bunch, too."

Mr. Lesley is shown alongside his International "ice-bank" milk cooler. He has operated dairy farms with as many as 135 producing cows, in North and South Carolina, and is now successfully managing his own herd at Indian Trail.

Protect productive udders. Heavy teat cups weigh 14 ounces apiece. Each acts separately to exert the right down-pull on its own teat, even on odd-shaped quarters. Folds are gently straightened out, and milk flows fast and free from start to finish. No rough tugging strains on delicate tissues. Inflations, too, help prolong your cows' productive life. They are creep-proof, soft, and comfortable.

No two cows milk out alike. Some are harder to milk—some easier. For fast, productive milking over the entire lactation period, vacuum must vary to suit each cow. The milk-flow itself regulates the vacuum on McCormick milkers. The size of the transparent milk hose was determined by careful experiments, so that it lowers vacuum on easy-to-milk cows, raises it safely on hard-to-milk cows.

"Easiest to clean of them all," says Mr. Lesley. Here's why. All metal parts that touch milk are rust-proof stainless steel. Every surface is smooth, every corner rounded for easy cleaning.



Dependable, all-weather pulsator gives you accurate, even pulsation in heat, damp, or cold, because it's controlled *only* by vacuum. No oil to contaminate milk, or stiffen in the cold and gum up parts. No springs to vary with temperature.

FREE BOOKLETS for You

The full story of what McCormick milkers and cream separators and International milk coolers can do for you . . . and other useful information for dairymen . . . is in these four booklets. Check the booklets you want and send the coupon today for your free copies.

International Harvester Company
P. O. Box 7333, Dept. DB, Chicago 80, Ill.

Gentlemen: Please send me, without cost, the booklets checked below:

- ☐ *McCormick Milkers*
- ☐ *McCormick Cream Separators*
- ☐ *International Milk Coolers*
- ☐ *Clean Milk from Healthy Cows* (tells about profitable dairy herd management from A to Z)

I milk _____ cows.

Name _____

Address _____

Post Office _____ State _____

My IH Dealer is _____

INTERNATIONAL HARVESTER

See your IH dealer for IH 5-STAR SERVICE for all your farm machines . . . the year around.

5-STAR SERVICE

Attention: Member-Breeders!

PETITION DEADLINE: MARCH 9

By the time this advertisement appears, you will have in your possession your nomination petition for delegates to the 65th Annual Convention to be held in Syracuse, New York, this coming June.

Petitions must be received in the office of the Executive Secretary in Brattleboro, Vermont, on or before March 9, to be considered.

It is suggested that you nominate more candidates than your district is eligible to have as delegates.

Check to make certain names appear in correct spaces and that proper members' signatures are in order.

Then MAIL your petition right away!

ELECTION SCHEDULE

Petitions Mailed	February	7
Petitions Return	March	9
Ballots Mailed	April	8
Ballots Return	April	28

The HOLSTEIN-FRIESIAN ASSOCIATION OF AMERICA

Brattleboro, Vermont

NEW · for Farming in the 1950's

Ventilated Bales

MAKE STILL BETTER HAY HIGHER IN QUALITY AND FEED VALUE

Greatest Advance Since the Slicer-Baler

- **VENTILATED ALL THE WAY THROUGH TO KEEP HAY RICHER, FRESHER**
- **WIRED-TIED FOR BETTER HANDLING, LOADING AND SHIPPING**
- **SLICED FOR EASY FEEDING**

3 Simple Steps

1

Cut hay early, when protein is high. Take 7-foot swaths, three acres an hour, with a Case tractor mower. The Trailer-Mower shown here hitches quickly to any modern tractor, makes neat square turns, works well on uneven ground. Case also makes full-mounted tractor mowers. All are built for extra long life.

2

Rake hay promptly, before leaves are bleached or dry enough to shatter. Case side-delivery rakes build high, narrow, fluffy windrows for fast air-curing with less exposure. Model shown has four reel-bars for clean raking, geared slow for gentle action at fast tractor speeds. Roller-bearing model available.

3

Bale immediately when hay is safe to store, with the Case Slicer-Baler. It's so low in price most any farmer can own it, so simple that boys operate it, so sturdy that upkeep is only a trifle. With auger feed and Bale Ventilator as regular equipment it's now more than ever the great value in balers.

● You can see at a glance how it helps you to get hay of the highest quality and feeding value when cooling, curing air circulates right through the center of every bale. Vitamins, minerals, proteins, other nutrients—all are saved more completely, kept more perfectly in the ventilated "bale that breathes."

All 1950 Case "NCM" Slicer-Balers are built with Bale Ventilator. Your Case dealer can install it on earlier machines of this model. See him about it now. And send the coupon for the full story on latest haying machines.

FIND OUT MORE ABOUT VENTILATED BALES

For full information, mark machines that interest you, write in margin others you need, mail to J. I. Case Co., Dept. H-50 Racine, Wis.

- ☐ Slicer-Baler
- ☐ Trailer-Mower
- ☐ Tractor Rake
- ☐ Heavy-Duty Baler
- ☐ Light Power Baler
- ☐ Forage Harvester

Name_____

Postoffice_____

RFD_____ State_____

The Pansy

One Cow, Through Three Great Daughters, Has

Princess Segis Ormsby Pansy—

- ★ She is the **first member of a 6-generation** group, a 5-generation group, **and two 4-generation groups** where each member has at least one 4% **record.**
- ★ She heads several other **4- and 5-generation** groups that average 4%.
- ★ She heads one **4-generation group that** averages 1038 lbs. fat.
- ★ She heads another **4-generation group** that averages 985 lbs. (a 2-yr.-old inc).
- ★ She had one **daughter over 1000 lbs.** on 3X, one with 767 lbs. in a short lactation on **3X, and one with** 714 lbs. on 2X.
- ★ Two maternal **granddaughters have over** 1100 lbs. fat.

To keep this **high-production, high-test** factor strong in our herd **we are using two** young bulls from this remarkable **family.**

PRINCE PANSY STAR

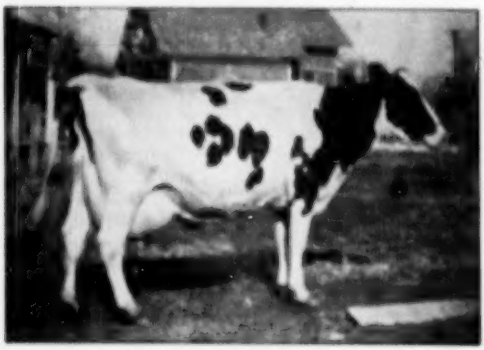
A son of Pansy Piebe Star (pictured) that has just finished a 900-lb. record completing the 1038-lb. 4-generation group. This bull is sired by Zimmerman Starline Rube, now being proven in the Ellery Beach herd, he by Rivermead Star Helen from a 930-lb. 3.8% granddaughter of "Star Piebe," her dam in turn the 800-lb. 4-yr.-old Excellent daughter of "Star Piebe."

ZIMMERMAN STAR PANSY IDEAL

Full brother to Zimmerman Star Bell, the 950-lb. 4.1% 2-yr.-old daughter of "Star Piebe" that completes the 985-lb. 4-generation group.

Note that his dam carries two crosses to the original Pansy cow being also sired by a son.

HIS DAM



PANSY PIEBE STAR

She has just completed a 900-lb. record, rounding out a 4-generation group that averages 1038 lbs. fat. She is sired by "Star Prince", our senior sire. (See outline of family)

HIS FULL SISTER

ZIMMERMAN STAR BELL

This daughter of our former sire, "Star Piebe", has just finished with 950 lbs., 4.1%, as a 2-year-old on 3X, completing a 985-lb. 4-generation group. (See outline of family)

Family

Made A Family of Unusual Producing Ability

Princess Segis Ormsby Pansy 1316597, **was bred and developed** by Ellery Beach, Columbia Cross Roads, Bradford Co., Pa. She **made a lifetime total of** 106,355 lbs. milk and 4,174 lbs. fat on 2X milking. The 2X records in this **family were all made** in the Beach herd, under what we consider poor conditions — no **drinking cups, small stationary** stanchions, very little legume hay. We are particularly pleased with the **younger members** of this family by our "STAR" bulls, for they are holding up to the **high production level set** by the original "Pansys."

The Family of Princess Segis Ormsby Pansy

(Dam of Three Great Daughters)

I— ORMSBY PANSY LADY SEGIS (VG) (Her 1st daughter)
At 8y, 3X, 28,265 milk, 3.8%, 1058 fat. **She also made** 1025 lbs. at 9 years; 998 lbs. at 10 years; 922 lbs. at 6 years; 860 lbs. at 5 years in 305 days; **and 640** lbs. at 4 years on 2X in 305 days. Her lifetime production was 8,570 lbs.
Dam of:

A— Pansy Boast Ormsby (VG)
At 7y, 3X, 28771 milk, 3.9%, 1149 fat. **Also made** 977 lbs. at 6y.
Dam of:

1— Pansy Boast Pietertje (VG)
At 5y, 3X, 980 fat, 3.4%.
Dam of:

a— Pansy Piebe Star (pictured)
Just finished with **999 lbs., 3.7%** at 5y, completing a 4-generation group averaging 1058 lbs. fat on 3X. **She also made** 600 lbs. fat, 4%, as a 2X 2-yr.-old in the Ellery Beach herd. She is **by our senior sire**, "Star Prince."

2— Pansy Pooch Ormsby Lass
At 4y 4m, 351d, 3X, 20482 **milk, 3.9%, 807** fat. She is the second daughter of Pansy Boast Ormsby, and sired by a son **of the old** foundation cow, Princess Segis Ormsby Pansy. Dam of:

a— Zimmerman Star Bell (pictured)
Sired by our former **sire, "Star** Piebe," and just finished with 950 lbs., 4.1% as a 2-year-old. Completes a 4-generation group averaging 985 lbs.

b— Pansy Lass Star
Sired by "Star Prince," **our senior** sire. At 24 months, 2X, 306d, in the Ellery Beach herd, she made 450 **lbs.** fat, 4%. Her daughter, in turn, also sired by "Star Prince," is **also testing** over 4%, and she completes a 6-generation group where every member **has at least** one 4% record.

II— PRINCESS BOAST ORMSBY
At 4y, 2X, in the Ellery Beach herd, **18102 milk, 3.9%**, 714 fat. Her lifetime total on 2X is 4,890 lbs. fat, 3.9%. Dam of:

A— Princess Boast Ormsby Dean
29,154 milk, 3.9%, 1133.7 fat. **Dam of:**

1— Zimmerman Star Princess
Now finishing a 25-months-old record of 730 fat, 4.5%.

B— Princess Boast Star
Just finished her 4th lactation **as a 4-yr.-old with** 864 fat, 4.1%. She is sired by "Star Prince."

III— PANSY SEGIS ORMSBY PRINCESS
At 8y, 3X, 19669 milk, 3.9%, 767 fat. **Freshened again in 12 months.** Also made 658 lbs. on 2X, with a lifetime total of 5,600 lbs. fat.
Her two granddaughters, both sired **by our former sire**, "Star Helen," both made over 700 lbs. with first calf, testing 4% and 4.2%. **One is now finishing with** 800 lbs. at 4y, testing 4.4%.

ZIMMERMAN'S DAIRY FARM

L. A. ZIMMERMAN **Lehighton, Penna** **J. A. ZIMMERMAN**

"Follow-up" in Advertising

By Karl B. Musser

(Reprinted from The Guernsey Breeders' Journal)

THERE are many sound reasons why breeders should plan and carry out constant and informative advertising. New herds need introductory presentations to build an acquaintance between the herd and prospective customers. As the herd develops and accomplishes performances in the various fields of activity, there is need for constantly reminding the public of these points of merit. Certain individual animals within the herd, by virtue of their outstanding characteristics, gradually take over the recognition the herd receives.

As time passes, each well-conducted herd builds in the public mind an expectancy of accomplishment. The public has before it all the herd's advertising and gradually pictures where the characteristics of different herds fit into their herd program — sort of like a jigsaw puzzle — and when a piece is needed to complete the picture they select the herd from which they wish to secure what they feel will "fit." The prospective customer then contacts the advertiser, through writing, for details. At this point of contact between buyer and seller too many advertisers often fail. First, they do not acknowledge the letter; second, they do not have a planned presentation of facts, and third, they fail to suggest a solution to the buyer's inquiry when they cannot meet the request. Follow-up in advertising is most important.

Advertising does not actually make a sale but strives to create a desire on the part of the reader to want to buy.

This is one of the most concise statements we have ever seen on the function of advertising in the registered cattle breeding industry. We reprint it here in the belief that it will be as helpful to present and future **World** advertisers as to the audience of Guernsey breeders for whom it was written by Mr. Musser, Secretary of the American Guernsey Cattle Club.

The **World** Advertising Department can help you with the planning and preparation of your Holstein advertising. Full rate information on request.

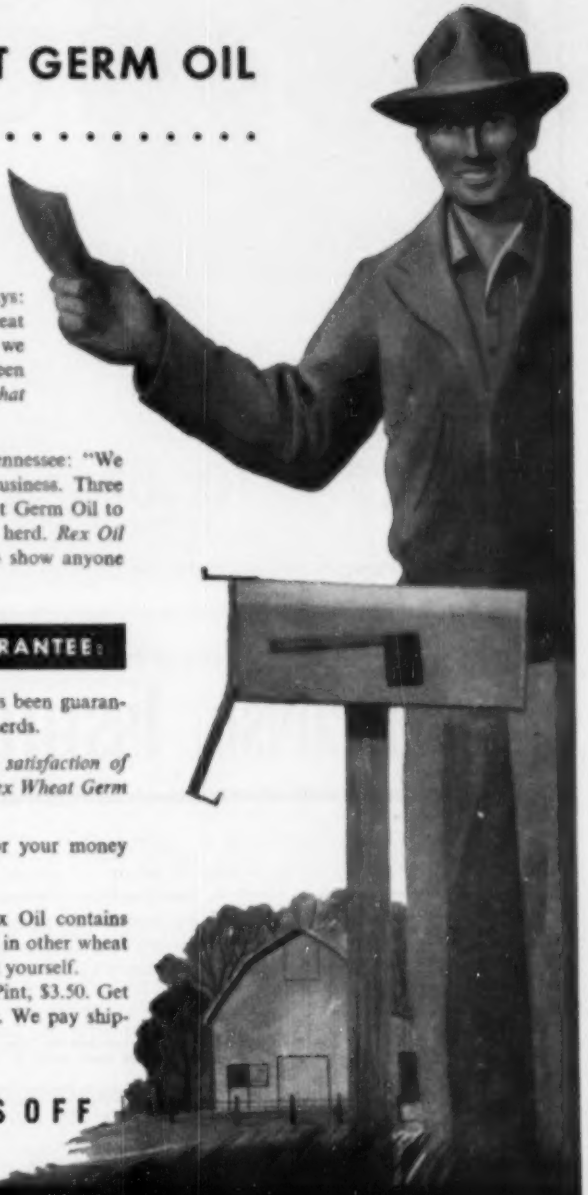
Holstein-Friesian World

Lacona, New York

IN THE MILK CHECK!

that's where

REX WHEAT GERM OIL PAYS OFF.....



Read these reports

F. A. Jorgensen, Naperville, Illinois, says: "For 10 years before using Rex Wheat Germ Oil our herd lost money. Since we began using Rex Oil in 1944 we have been operating at a profit. *The records prove that Rex Wheat Germ Oil saved our herd.*"

Reeves Hughes, Jr., Germantown, Tennessee: "We were ready to go out of the dairy business. Three years ago we began adding Rex Wheat Germ Oil to our feeds. Today we are proud of our herd. *Rex Oil is responsible.* We have the records to show anyone that wants to see them."

OUR CLAIMS AND GUARANTEE:

For 16 years Rex Wheat Germ Oil has been guaranteed to help dairymen improve their herds.

For 16 years, we have proved to the satisfaction of the dairyman, in his milk check, that Rex Wheat Germ Oil is a valuable feed supplement.

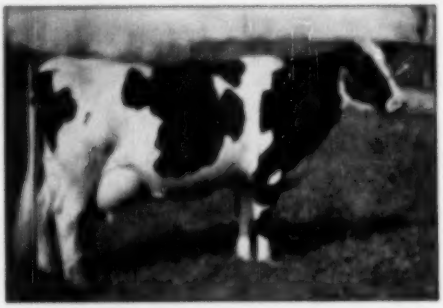
Rex Oil will do the same for you or your money refunded. You alone are the judge.

Insist on Rex Wheat Germ Oil. Rex Oil contains important biological factors not found in other wheat germ oils. It is so pure you can take it yourself. Prices: Gallon, $19.00; Quart, $6.00; Pint, $3.50. Get Rex from your dealer or order direct. We pay shipping charges.

REX OIL PAYS OFF

VIOBIN MONTICELLO, ILLINOIS

Another Outstanding Member of Our Herd



FAIRFIELDS JOHANNA RAG APPLE
"Very Good"

Fat 5y 365-d	564.7
Milk 5	10558.0
Fat 5y 365-d	537.0
Milk 5X	10955.0
Fat 6y (336)	307.8
Milk 5X	7344.0

Her 7 nearest dams' average production is 19557 lbs. milk, 4.0%, 797 lbs. fat.

A daughter of **Fairfields Sir Pietertje Rag Apple**, "Very Good", "Silver Medal", whose classified daughters have a score of 82.7% and many daughters over 500 lbs. fat.

Her dam, **Montvic Bonheur Darkness**, Very Good, with records up to 743 lbs. fat, 3.8% and still a great cow at 15 years of age; and also a sister to the members of the Pathfinder "Get" and her dam, **Montvic Rag Apple Abbekerk**, "Ex", with 886 lbs. fat, 4.9%, she in turn a daughter of J.R.A.P., from **Oakhurst Calantha Abbekerk**, "Gold Medal" with 1061 lbs. fat.

Her 6 nearest classified sires and dams have a classification score of 90.9%.

EVERETT R. MILLER
Manager
5610 Coolidge Road

HY-UP FARMS

Division Palmer-Bee Co.
BIRMINGHAM, MICHIGAN

GARNET SEIGEL
Herdsman

Wisconsin Institution Herds

Backed by twenty-five years of constructive breeding with results exemplified in our production and show records we have proven that close line-breeding and careful selection has paid big dividends to the breeders who have selected breeding stock from our herds.

Our business is to produce dairy products to our institutions in a practical way, and at lowest possible cost. With five Gold Medal sires bred by us and many others being proven, there is very little gamble in selecting a young sire from us.

No less than five of the All-Americans and six of the Reserves of 1949 are grandsons or granddaughters of sires bred in the Wisconsin State Herds.

If interested in proven blood lines, write for information and bull list to:

Wisconsin State Dept. of Public Welfare

W. W. KINYON, Farm Supervisor

STATE CAPITOL, MADISON, WISCONSIN

GOLD MEDAL PROVEN INHERITANCE

That You Can BUILD A Herd On!

ONE OF OUR HERD SIRES

PABST SIGNAL — Our Son of "Burke"

87½% Of His Inheritance From Gold Medal Sires!

The most dependable tool available to the breeder seeking to BUILD his herd to higher production and more acceptable type is the inheritance of the breed's relatively few GOLD MEDAL PROVEN SIRES.

PABST SIGNAL represents three successive generations of GOLD MEDAL PROVEN breeding. His sire, his dam's sire, and his second dam's sire are each GOLD MEDAL bulls. His "VG" dam, Pabst Belmont Eyebright, with 817.6 lbs. fat, 4% test, adds the further merit of a great transmitting female family to the pedigree of Pabst Signal. She has two good record daughters with tests of 4% and 3.9%. She has three brothers (75% same blood) that are Gold Medal proven sires. Her dam is also "VG" and made 801.9 lbs. fat at 11 years of age, she with four A.R. daughters and two Gold Medal proven brothers.

PABST SIGNAL is in service in our herd on the daughters and granddaughters of our two former GOLD MEDAL PROVEN SIRES, Pabst Sir Pietertje Beauty and Pabst Sir Paul Premier. The performance of these daughters and granddaughters is reflected in our 7-year HIR average of 575.2 lbs. fat, and our herd classification score of 88.2 points, one of the breed's very highest type and production herd averages. Write us today for details on foundation stock.

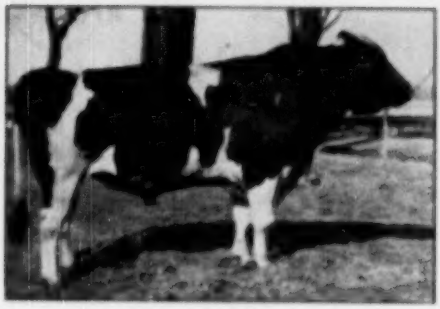
Bull Calves from PERFORMANCE-TESTED Families

HIR - AR TESTED
CLASSIFIED

Farfields Farm
R.F.D. 1 Monroe Mich.

F. W. TULLIS
Owner

15 DAUGHTERS SELLING



MONOGRAM TENSEN
A former herd sire with 13 daughters selling up to three years of age.

BLUE HAVEN TUESDAY

50 HEAD GLANWORTH

HERD SIRE—GLENAFTON SENTINEL
(Because of joint ownership he is not selling—
his dam and sire shown below)

A Talisman son of the All-Canadian Marksman daughter, Glenafton Laurel Heather, she a full sister of Glenafton Rag Apple Craftsman (XXX) from Glenafton Hellson with 23,133 milk, 3.68%, 852 fat on 2X. Five baby heifers and two baby bulls selling while most of the bred females carry his service.

FORMER HERD SIRE—IDEAL ABBEKERK SOVEREIGN
By Oakshade Rag Apple Sovereign, a Sovereign son of Oakshade Jemima Lassie (VG), Red Seal daughter of Rowsdale Pontiac Posch. His dam is Abbekerk Genevieve Fayne (VG), All-Canadian Nominee by Echo Hartog Mercedes Abbekerk. Ten open daughters selling with a few females carrying his service.

FORMER HERD SIRE—MONOGRAM TENSEN (Above-right) He has thirteen daughters selling, six of them fresh in January with Sentinel calves. Monogram Tensen is a son of Monogram from Tensen Rag Apple Sigrid (VG), granddaughter of Montvic Rag Apple Pabst (General Posch).

For Catalogs Write—

Holstein-Friesian Association

Brantford, Ontario

Daughters of the Ideal Bull Selling

KATIE SOVEREIGN

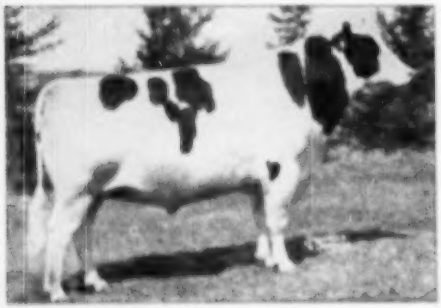
BLUE HAVEN SPARKLE SOVEREIGN

LOCATION OF SALE:

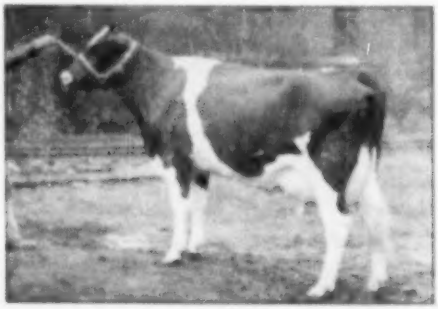
At Glanworth Sales Arena, 2½ miles south of Glanworth, 3½ miles north of St. Thomas on the Wellington Road. Turn south at Hotel London in London or north at St. George St., in St. Thomas.

PRODUCTION SHOWN IS ALL ON 2X.
ADDITIONAL RECORDS WILL BE
REPORTED ON DAY OF SALE

— THE SIRE AND DAM OF GLENAFTON SENTINEL —



RAG APPLE TALISMAN
Glenafton and Pittenden herd sire. By Montvic Chieftain Posch from the 1947-lb. Montvic Rag Apple Bonheur Abbekerk (*Ex).



GLENAFTON LAUREL HEATHER
All-Canadian daughter of Montvic Rag Apple Marksman (XXX-Extra) and full sister of Glenafton Rag Apple Craftsman (XXX).

DISPERSAL
FEBRUARY 28

ONTARIO — 50 HEAD

The Complete Herd of
Duncan J. Fletcher, Elderton
Fully Accredited and Blood Tested
Mostly Vaccinated—Ready for Shipment

The breeding health of this herd is exceptionally good — not one cow milking over three months that is not apparently safe in calf again. The udders are also in good clean condition.

There are many deep, straight cows and heifers that are real prospects for development, both in production and type.

12 MATURE COWS: Tempo Mercedes Thursday (right below) VG, a daughter of Lynwood Senator Fayne. She has two records and is due in March to Sentinel. A "Good Plus" daughter of Dutchland Mercedes Echo 43rd. Has 464 lbs. fat at 2 years, 550 lbs. at 3 years and due in March to Sentinel. A "Good Plus" daughter of Woodland Progressor King with 499 lbs. fat at 4 years. Selling fresh. A daughter of General Paint Monogram with 411 lbs. fat at 2 years. A "Good Plus" daughter of Abbekerk Governor Posch with 513 lbs. fat at 2 years. A "Good Plus" daughter of Dutchland Calamity Abbekerk with 448, 452 and 534-lb. records. A "Good Plus" daughter of Montvic Commander with 538 lbs. fat at 2 years. Due at sale time to Sentinel. A daughter of Sweetholm King Vale with 454 lbs. fat at 2 years. A daughter of Loneim Texal Nabob with 4.36%, record to be reported.

35 YOUNGER FEMALES: Ten 2- and 3-year-olds, seven by Monogram Tensen. Eleven 1948 heifers, six by Monogram Tensen, two by Ideal Abbekerk Sovereign, one by Glenafton Challenger Paint—most of these bred for fall calving. Nine 1949 heifers, mostly by the Ideal bull. Five January 1950 calves by Sentinel.

5 BULL CALVES: One of service age by Houkholme Sovereign Rag Apple, two by Ideal and two by Sentinel.

or

Shore Holsteins Limited
Sale Managers, Glanworth, Ontario

Auctioneers:
A. B. BRUBACHER and MILTON BROCK

— SELLING —

BURKE HERMES (GP)

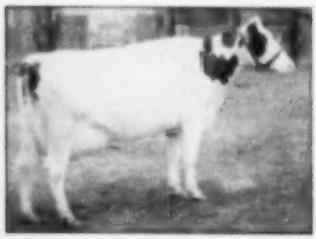
HEATED ARENA

LUNCH AVAILABLE

— SELLING —

TEMPO MERCEDES THURSDAY
By Lynwood Senator Fayne, she freshens in March to Glenafton Sentinel.

— THE DAM OF IDEAL —



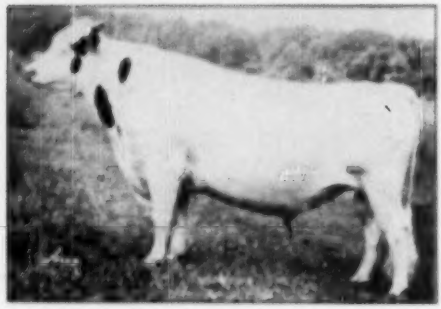
ABBEKERK GENEVIEVE FAYNE
All-Canadian Nominee, she is the dam of the former herd sire, Ideal Abbekerk Sovereign who has 18 daughters selling.

— DAUGHTERS OF TWO COWS ABOVE BY SENTINEL —

DEWDROP ROWSDALE POSCH

MONOGRAM ABBEKERK COMMANDER

Bred for Production – With High Test –



IVY BOWER DEAN MOOIE
(Good Plus)
First daughters just fresh and showing a lot of promise. Five nearest official tested dams average:

Fat 305d	928.4
Milk 3.95%	20413.0

SIR BESS ORMSBY DEAN EDDUN
(Very Good)
Ind. G. M. Sire — 1st 23 daughters average:
2y 4m 340d 11,361 M 3.93% 446.8 F.

PASTURE HAVEN MOOIE
(Very Good)

AR 5y 2X 365d	905.7
Milk 4.2%	21653.0
HIR 4y 2X 365d	818.3
Milk 4.3%	19033.0
Fat 2y 2X 365d	615.7

2nd aged cow, Ohio State Fair, 1947.

SIR BESS ORMSBY DEAN
(Excellent)
Grand champion son of Sir Bess Ormsby Fobes 73rd.

BESS ORMSBY FOBES EDDUN
Highest record daughter of SBOF 73rd.

Fat 305d 4½y	949.9
Milk 4.3%	22818.0

LAUXMONT ADMIRAL BAG APPLE DELLA
Ind. G.M. Sire — Son of Admiral Lauxmont.

IVY BOWER JUAN
Granddaughter of the great Jonabell brood cow, Ivy Bower Marigold.

"MOOIE" and his son, **Ivy Bower Enid Admiral Ace** are available artificially. We also have a few sons for sale.

Write for more information.

NEWMAN HOLSTEIN FARMS

CLAUDE NEWMAN — JOHN A. NEWMAN & SONS — J. DICK NEWMAN

CULVER, INDIANA

Production with Longevity . . .

These Seven Producers are Members of our Herd:

CANARY SEGIS SENSATION 1873205	145,279 lbs. Milk
JOHANNA ARTIS ORMSBY MUTUAL 1885486	110,445 lbs. Milk
BEAUTY CANARY ORMSBY JOHANNA 1808879	121,218 lbs. Milk
CREAMELLE SYLVIA PIEBE 2041159	96,138 lbs. Milk
SEGIS PRILLY QUEEN JOHANNA 1954765	90,242 lbs. Milk
COLANTHA ARTIS BELMONT 2041158	83,619 lbs. Milk

and this one had to be disposed of because of a broken leg:

JOHANNA ORMSBY MUTUAL ARTIS 1772142	152,644 lbs. Milk

Production with Longevity is one of the primary goals for which every dairyman is striving. Breeding stock from our herd might aid you in attaining that goal.

ROCK COUNTY ASYLUM & HOME

JANESVILLE, WISCONSIN

A. G. STEINBORN, Supt. — L. L. BREWER, Herdsman

This Month We Offer

Two Fine Young Sons of "Medalist"

SIR BESS ORMSBY FOBES MEDALIST

The 3-year-old herd sire that heads our "Sir Bess Ormsby Fobes" line-bred family. His 714-lb., 4.9%, 2X dam, Glen Eden Butter Maid, carries 3 crosses to Sir Bess Ormsby Fobes 73rd, and three to "61st." His sire, Sir Bess Skylark Ormsby Fobes (VG) is a Silver Medal Production Sire, winner of Iowa's Better Sire Contest in 1947, and 4th Honor List Sire in 1946. He increased production 870 lbs. milk, .19%, 58 lbs. fat on 13 pairs, daughters averaging 524 lbs. fat, 13900 milk, 3.77%. "Medalist" is a paternal brother to famed "Dora," Excellent 1064-lb. former U. S. Fat Champion and 1946 All-American 3-year-old.

EAR TAG 540—

Born May 1, 1949. Dark, very well-grown, a highly pleasing calf.

His dam: Bess Ormsby Fobes Susie 2668476
4y 8m 305d 15818.9 3.8% 598.4 AR
365d 16886.5 3.8% 643.2 AR (CC 235d)
(305d record above 2nd in Ohio)

Full sister to Bess Ormsby Fobes Susie is now on test at 7y, fresh Nov. 15th, milked 80 lbs. a day her first month, testing over 5%.

These two cows were sired by Manfdell Creator Fobes 819760, our first "Sir Bess" herd sire, a son of Bess Ormsby Fobes Creator with 23,390 lbs. milk and 969.4 lbs. fat at 12 years (9 other records testing from 3.8% to 4.1%.

The next dam made 523.6 lbs. fat, 3.9%, 13283 milk, 328d, 2X, DHIA.

She had another daughter (maternal sister to the two above) with two 2X records (AR) of 613.9 fat, 4%, 305d; and 674.5 lbs., 4%, 365d.

EAR TAG 542—

Born May 17, 1949. Out of Glen Eden Bess Ormsby Fobes Fayne with 510.6 fat, 4.8%, 10689 milk, 346d, 2X, AR. Next dam 621.2 fat, 3.88%, 15978 milk at 2y, CTA. Next dam 656 fat, 3.8%, 17474 milk at 5y. A maternal sister to the dam of this bull has an AR record of 428.6 fat, 5%, 8605 milk at 3y. Here's one of the highest testing pedigrees you will find anywhere!

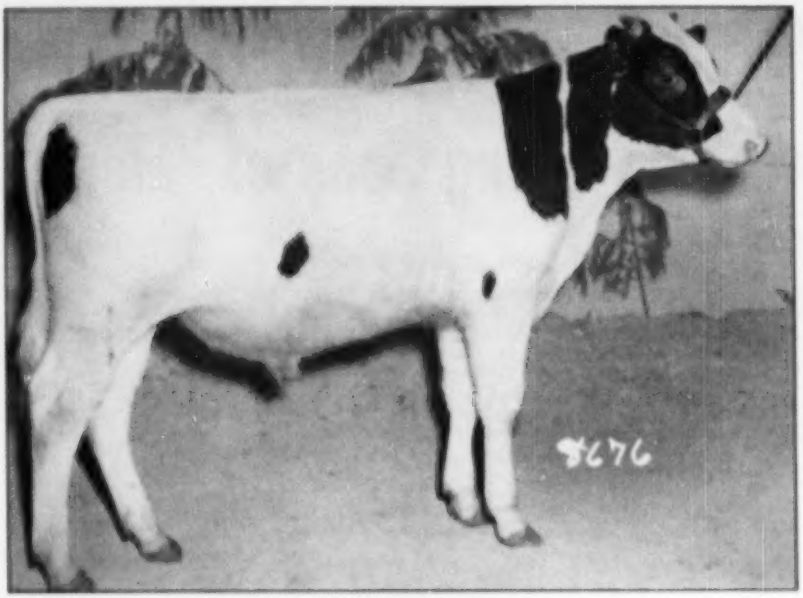
Write today for full information.

STEEL-BILT PROVING FARMS

MANSFIELD, OHIO

MARTIN STEEL PRODUCTS CORP.
Owners

A. L. WATT, Manager
Millsboro Rd. — R.D. 3



EAR TAG 8676
Born June 5, 1949

Carnation Consigns

AN OUTSTANDING BULL AND TWO REAL FOUNDATION FEMALES

to the

SPRING CLASSIC SALE — TULSA, OKLAHOMA — MARCH 13

The Bull Ear Tag 8676, consigned, is as straight as a string, with great depth of body, and a world of masculinity and quality. His 5 nearest dams average 1021 pounds of fat. His sire's dam, Ormsby Aaggie Tilda, made 940 lbs. of fat on 3-time-milking and is a Grand Champion Reserve All-American cow from a great family. His maternal sister made 789 lbs. of fat on 2-time-milking (State Leader) and his dam is a 962-lb. daughter of a 1068-lb. daughter of a 954-lb. daughter of Matador Segis Ormsby.

ONE OF THE HEIFERS CONSIGNED is a daughter of the Junior Champion Bull, Carnation Homestead Revelation, one of the most popular sons of Governor of Carnation. The dam of the heifer consigned made 519 lbs. of fat in Class B as a junior 2-year-old. She is a daughter of All-American Carnation Renown from a 1000-lb. daughter of 3 times All-American Carnation Governor Imperial. Born April 14, 1949.

THE OTHER HEIFER is a daughter of Hallrose Progressor from a 996-lb. daughter of a 1000-lb. daughter of Matador, born July 19, 1949, from a 1000-lb. daughter of Sir Inka May.

SEND FOR FULL DETAILS

Carnation Milk Farms

Address:
CARNATION MILK FARMS
115a Stuart Building
Seattle 1, Washington

Holstein-Friesian World

February 18, 1950 ★ The Newspaper of the Breed ★

Canada's 67th Annual Meeting

Hodge Succeeds Wilson as President—Idea of More Select Registry of Bulls Approved—A Big Year Reported

By M. S. PRESCOTT

The Holstein-Friesian Association of Canada held its 67th annual meeting on February 1 at the Royal York Hotel, Toronto. While no accurate count of the attendance was possible, observers felt that it exceeded even last year's record-breaking meeting in numbers. Presiding throughout was President W. Ray Wilson.

The morning session as usual was devoted largely to the routine reports of officers. Secretary-Manager Clemons led off with his annual report. Highlights include, membership at a new high of 11,234, a 4% increase; registrations at 58,292 were up 7% last year and the highest figure yet. Transfers were down 20%, due principally to a drop in exports to the U.S. in 1949. Local transfers at 16,901 were down 41%. However, animals were exported to 14 countries during the year.

With the drop in transfers, revenue was off 5% from the all-time high of 1948 but still reached the good figure of $235,412 and the budget was held in balance by a margin of a few hundred dollars. A total of $66,202 was spent in extension work. The secretary reported a 13% increase in the number of breeders having their herds graded in selective registration, the total number being 17,442 animals. In record of performance testing, a total of 13,061 certificates were issued, only 2% less than the record total of 1948 which included a considerable backlog of 1947 records. The number of herds on test increased from 1729 to 1810. Ten new championship performances were reported during the year.

Details of the finances of the Association were given in the report of the finance committee of which President W. Ray Wilson is chairman and the auditors report which was presented by J. L. Pocock of the Association staff.

The report of the extension service committee presented by J. D. Innes, chairman, covered the general activities of that department. The new True Type bull models were on display and work on the cow models is proceeding satisfactorily under the direction of the committee. Reference was made to the drop

W. A. (Bill) HODGE
Newly elected president, The Holstein-Friesian Association of Canada.

in export trade during 1949, principally in the matter of commercial cattle exports to the United States. The secretary-manager visited both Italy and Mexico during the year. The herd survey, started in 1948, was continued and the regular program of black and white days and championship shows was continued on a record-breaking scale. This report in printed form gave full details of the allocations and expenses of the various provincial branches.

Amendments Approved

Secretary Clemons gave a synopsis of the meeting of the board of directors held the previous day, including their recommendations on the amendments appearing in the Call of the meeting. These amendments were five in number and were quickly approved. One permitted and more clearly defined partnership memberships; another extended the services of the Association to Newfoundland, the newly joined province of Canada which will be in an election district with Nova Scotia; another provided for the appointment of a chairman of the special committee which canvasses the mail ballot in the election of directors from provinces outside of Ontario; a fourth amendment gave the board of directors blanket authority to make regulations covering the control and supervision of artificial insemination while the fifth and final amendment made it clear that applications for transfer would be accepted at member's fee only when a member of the Association appears as the seller on the form. Previously this privilege had been granted if only the purchaser was a member. These amendments were all quickly approved without discussion from the floor.

Executive Secretary H. W. Norton, Jr., of the Holstein-Friesian Association of America, was introduced and spoke briefly. He expressed his approval of the plan under consideration for requiring bulls to be from ROP dams and complimented the Holstein-Friesian Association of Canada on its progressive policies which it takes our larger group longer to put into effect.

Norton gave some interesting figures on exports from Canada to the United States. In 1948 there were 27,389 Holsteins imported, but of these only 10,193 or 37% were re-registered in the Holstein-Friesian Association of America. In 1949 however, out of 16,237 importations, 12,266 were re-registered, or 75%, from which he drew the conclusion that the drop in U.S. imports of Canadian Holsteins had come more largely in the commercial milk-producing category. He referred to the long years of friendship between our two organizations and presented an invitation for Canadian breeders to attend our annual convention at Syracuse in June.

Afternoon Session

President Wilson read his presidential address at the start of the afternoon session. It was a good review of the year's work. He called for the full support of organizations like the Dairy Farmers of Canada and the Federation of Agriculture whose efforts are devoted to the stabilizing of markets for all types of agricultural products. As in the United

(Continued on page 100)

Review of Leading Living Lifetime Producers

By LEO R. BLANDING, A. R. Dept.

Now that Pansco Hazel has topped the lifetime fat list for all cows living or dead (See **World** Jan. 21, P. 36) with her total of 250929 lbs. milk, 3.7%, 8615.7 lbs. fat in 5749 days it may be of interest to bring up to date the rank of leading living lifetime producers for milk and fat production, to revise the list which we published a year ago.

The recent holder of this title for fat production, and still running a strong second, is Ormsby Inka Pontiac Girl 1846551, who, through November 30, 1949 has aggregated 229.637 pounds of milk, 3.7% and 8566.9 pounds of fat in 4789 days. She probably will have crossed the 8000-pound mark by the time this article appears in print. She finished her twelfth lactation the first week in January 1950. She was seventeen years old last June. This grand old cow is owned by McDonogh School, McDonogh, Maryland. She has three records over 800 pounds of fat, the highest one being 25730 pounds of milk, 3.8% and 898.1 pounds of fat at 9 years in Classification 3X, carrying calf 168 days of the 365-day record. Her sire, 5X Ormsby Lad 610957, has five tested daughters. Two of them have lifetime records over 135000 pounds of milk. Her dam is McDonogh Pontiac Girl 1780594, who has two Herd Test records, one of them being incomplete and the other one 11112 pounds of milk, 3.7% and 405.6 pounds of fat in 275 days in Classication 2X at 5 years, 1 month of age. Ormsby Inka Pontiac Girl has one tested daughter. McDonogh Queen 2065437, who is getting underway nicely with her first two records over 500 pounds of fat, one in 3X as a Senior Two-Year-Old and the other in 2X as a Senior Three-Year-Old, both testing 3.7%.

Leader in Milk

The leading living lifetime milk producer is still Pennstate Veeman Josie 1611012 (E). She has also moved up into third place for total fat production among living cows. Her figures through November 30, 1949, are 245474 pounds of milk, 3.2% and 7680.6 pounds of fat in 4518 days. She is producing now in her fourteenth lactation and was seventeen years old early in January 1950. She has made all of her records in the herd of her breeder, Pennsylvania State College, State College, Pennsylvania. She has two records over 700 pounds of fat, the highest one having been made at 9 years, 3 months when she produced 22111 pounds of milk, 3.5% and 765.2 pounds of fat in Classification 4X, carrying calf 150 days of the 365-day record.

She has three tested daughters. One of them, Pennstate Veeman Happy 1833694 (E), has produced 139335 pounds of milk, 3.5% and 4814.5 pounds of fat in eight lactations of 3119 days. The highest record in this group is 21575 pounds of milk, 3.5% and 756.4 pounds of fat in 365 days, Classification 4X at 5 years, 11 months of age. Another daugther, Pennstate Inka Josie 2103565 (GP) has four Herd Test records in Classification 5X, two of them being 409 and 488 pounds as a Senior Two-Year-Old and a Senior Three-Year-Old, and another at 5 years, 4 months of 17711 pounds of milk, 3.4% and 595.4 pounds of fat in 336 days.

Pennstate Veeman Josie is a daughter of the Gold Medal Sire, Clover Heights King Veeman 441009, who has 44 tested daughters, three of them being 100000 pound cows. One of his daughters made 935 pounds of fat as a Senior Three-Year-Old in Classification 4X. The dam of Pennstate Veeman Josie is Josie Aaggie Princess 651486, who has three 4X records between 706 and 773 pounds of fat. Of her three tested daughters, two of them have produced over 142000 pounds of milk and 4250 pounds of fat. The second 100000-pound daughter, Colantha Josie Aaggie, has six records over 638 pounds of fat in 4X, ranging from 712 to 794 pounds. The third daughter made 526 pounds of fat as a Junior Four-Year-Old in 4X.

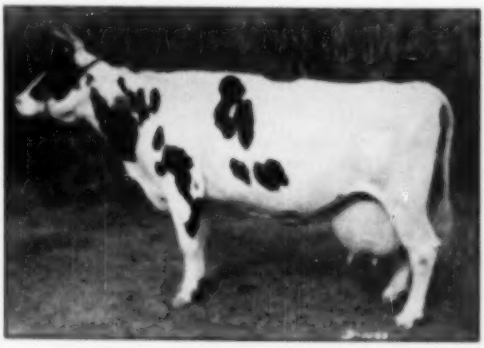
Essex Suzone Model 1650924 (E), in fourth place for fat, has brought her total production through November 30, 1949 to 192384 pounds of milk, 4.0% and 7690.4 pounds of fat in 4428 days. She is in her eleventh lactation and was sixteen years old in October. All ten of her records are over 560 pounds of fat in 5X. Seven of them are over 679 pounds and five of the records are over 700 pounds. Her highest record is 18735 pounds of milk, 4.1% and 702.9 pounds of fat in 365 days at 5 years, 6 months of age. She was bred and is owned by County of Essex, Cedar Grove, New Jersey.

She has two tested daughters, one of them Essex Moxie Modest Design 2541327 (G), who made 16692 pounds of milk, 4.2% and 710.5 pounds of fat in 365 days, 5X, at 4 years of age. In the previous lactation, this daughter made 15397 pounds of milk, 4.0% and 617.6 pounds of fat in 365 days, 5X, at 2 years, 10 months. The other daughter, Essex Moxie Model Design 2561216 (GP), has four records, all over 460 pounds of fat, with tests of 3.8% or better. The highest record was made at 2 years, 9 months when she produced 14214 pounds of milk, 4.1 and 580.8 pounds of fat in 2X, carrying calf 221 days of the 365-day record.

Essex Suzone Model is a daughter of the Gold Medal Sire, Bell Farm Suzone 517606 (VG), who has twenty 100000-pound daughters, more than any other sire. He has 105 tested daughters, nine of them with over 800 pounds of fat. Her dam is Essex Model Korndyke Sweet 1484361, who has two Herd Test records.

PANSCO HAZEL 1517843 (E)

In 5749 days 250929 lbs. milk, 3.7%, 8615.7 lbs. fat. National Champion for fat, XXXX. Still in production. F. F. Pelliseier, Whittier, Calif.



PENNSTATE VEEMAN JOSIE 1611012 (E)

In 4518 days 245474 lbs. milk, 3.2% 7680.6 lbs. fat. Leading living lifetime milk producer. Pennsylvania State College, State College, Pa.

At 2 years, 3 months she produced 10064 pounds of milk, 3.5 and 350.2 pounds of fat in 365 days in Classification 2X.

Veeman Ona 1683932 (GP) has moved up into fourth position among the living lifetime milk producers and holds her previous rank of fifth for fat production. Through November 30, 1949 she has produced 225551 pounds of milk, 3.4 and 7577.3 pounds of fat in 4599 days. She is in her twelfth lactation and was seventeen years old on January 1, 1950. She is owned by Iowa State Penitentiary, Fort Madison, Iowa. Her eleven Herd Test records were all made in Classification 3X. Ten of these records were over 500 pounds of fat. Six of the records were over 600 pounds, including her most recent record made at 14 years, 5 years of age. Her highest record is 19826 pounds of milk, 3.5 and 700.1 pounds of fat in 365 das at 10 ears, 2 months. She has six Herd Test daughters.

The dam, Veeman Ona De Kol, has four tested daughters, two of them with over 134000 pounds of milk. The sire of Veeman Ona is Mt. Pleasant King Ona Dean 648028. This bull has seven 100000-pound daughters. He has twenty-four tested daughters with records up to 834 pounds of fat in Classification 3X.

Genodale Pride Ormsby 1802317 (E) has advanced to fifth place among the living lifetime milk producers and holds her sixth place in the fat list. Reports are in on this cow through October 31, 1949 with a total of 221767 pounds of milk, 3.4 and 7466.1 pounds of fat in 5859 days. She is in her tenth lactation and has just turned fifteen years of age. She was bred and is now owned by Adrian T. Personius, Genoa, New York. All of her records have been made in Classification 2X. They are all over 400 pounds of fat. Eight of them are over 500 pounds, seven over 700 pounds and three over 800 pounds. Her highest record was 25982 pounds of milk, 3.2 and 831.8 pounds of fat in 365 days at 8 years, 9 months of age. She has two tested daughters.

GENODALE PRIDE ORMSBY 1802317 (E)
In 5859 days 221767 lbs. milk, 3.4% 7466.1 lbs. fat. Still producing. National Champion lifetimer on 2X milking. Adrian T. Personius, Ithaca, N. Y.

ORMSBY INKA PONTIAC GIRL
In 4730 days 229637 lbs. milk, 3.7%, 8568.9 lbs. fat. Second for fat and third for milk among living lifetimers. McDonogh School, McDonogh, Md.

She is a daughter of the Gold Medal Sire, Winterthur Pouch Ormsby Neptune 671609 (E) who has two 100000-pound daughters. Of his thirty-eight daughters, three have records from 700 to 831 pounds on 2X. The dam of Genodale Pride Ormsby was Charlotte Pride 1631949, who at just 3 years of age, made 12890 pounds of milk, 3.3% and 426.4 pounds of fat in 290 days in 2X. She has two Herd Test daughters, both 100000-pound cows. The other daughter, Genodale Ormsby Linda 1861007 (E), made 106876 pounds of milk, 3.3 and 5481.6 pounds of fat in six lactations of 2251 days. She is a full sister to Genodale Pride Ormsby.

Vernway Homestead Allie 1695814 (E) has crossed the 200000-pound mark since our story was written a year ago. Her total through October 31, 1949 for which reports have been received, aggregates 206276 pounds of milk, 3.6 and 7357.1 pounds of fat in 4595 days. She is now in her twelfth lactation and is just past seventeen years of age. She has nine records ranging from 400 to 738 pounds, (five being over 600 pounds. Her highest record was 21624 pounds of milk, 3.4 and 738.2 pounds of fat in 365 days in Classification 3X at 4 years 4 months of age). Her sire, Chinook Homestead Hero 592651, has seven 100000-pound daughters. He has 46 tested daughters. Five of them have over 700 pounds of fat. The dam of the 200000-pound cow is Vernway Pearlson Fiebe 527139. She was bred by Youngquist Bros., Bow, Wash., and is owned by J. W. Youngquist of that address.

A new entry in this exclusive list is **Willeben Johanna Belle Ona 1714531.** Her credits through November 30, 1949 are 204714 pounds of milk, 3.5% and 7192.6 pounds of fat in 4279 days. She is in her fourteenth lactation and was sixteen years old last March. She has twelve records range from 400 to 660.2 pounds. The best record of her long career is her latest one made at 15 years, 2 months when she produced 19392 pounds of milk, 3.4% and 660.2 pounds of fat in 365 days in 2X. She was bred and is owned by W. B. Cockley, Lexington, Ohio.

She has two tested daughters. One of them. Willeben Johanna Aaggie Ona, 2288465, has four Herd Test records from 485 to 660 pounds in 2X. Her sire, Dutchland Creamelle Colantha Boy 298485, has five 100000-pound daughters. He has 45 tested daughters, five of them over 600 pounds. Her dam was Willeben Johanna Ona Belle 1077695 who made four Herd Test records, three of them over 500 pounds. Her highest record was 19110 pounds of milk, 3.3% and 626.6

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LEADING LIVING LIFETIME PRODUCERS

Fat Production

1.	Pansco Hazel 1817845 (E)	8613.7 lbs.
2.	Ormsby Inka Pontiac Girl 1840331	8566.9 lbs.
3.	Penstate Veeman Josie 1611012 (E)	7680.6 lbs.
4.	Essex Sunone Model 1659924 (E)	7600.4 lbs.
5.	Veeman Ona 1683932 (GP)	7577.3 lbs.
6.	Genodale Pride Ormsby 1802317 (E)	7466.1 lbs.
7.	Vernway Homestead Allie 1695814 (E)	7357.1 lbs.
8.	Willeben Johanna Belle Ona 1714531	7092.6 lbs.

Milk Production

1.	Penstate Veeman Josie 1611012 (E)	243474 lbs.
2.	Pansco Hazel 1817845 (E)	230829 lbs.
3.	Ormsby Inka Pontiac Girl 1840331	229637 lbs.
4.	Veeman Ona 1683932 (GP)	225551 lbs.
5.	Genodale Pride Ormsby 1802317 (E)	221767 lbs.
6.	Essex Sunone Susie 1845181 (VG)	221067 lbs.
7.	Maryland Johanna Colantha Matador 1395640	212994 lbs.
8.	Vernway Homestead Allie 1695814 (E)	206276 lbs.
9.	Willeben Johanna Belle Ona 1714531	204714 lbs.

A Flying Trip to Forsgate

By TED PRESCOTT

If you happen to be one of those Flying Farmers you can set your ship down on the Forsgate Air Park, right across from the dairy barns. If you should also be a golfing farmer (and we do know a few), you better throw the clubs in the old crate, for another department of this unique organization is its interesting 18-hole course, which is also just across the road from the landing strips.

Of course, if you are primarily interested in the cattle you can spend many entrancing hours looking at over a dozen barnfull of registered Holsteins and Guernseys under the guidance of Forsgate's new herd manager, Bill Hepburn, Jr.

That's what I did, in December, except I took American Airlines from Syracuse to Newark, and was back in Syracuse that evening in time to take Harriett out to dinner and the basketball game! Bill met me at the airport. I hadn't seen him over a couple of times since we were students together at Cornell in Ed Harrison's judging class. He has become a leading man on the official list of Guernsey judges since those days, and has also been manager of George W. Emde's Happyholme Farms at Lodi, Calif., and assistant manager (under his dad) of J. C. Penney's famed Foremost Farms at Hopewell Junction, N. Y. He came to Forsgate in 1949.

Forsgate Farms have been plugging along since 1915. They were founded by the late John A. Forster, a wealthy New York insurance man, whose first idea was merely a horse-breeding hobby. In the years that followed this hobby grew into a desire to demonstrate that a modern farm could be nearly self-sufficient. A Holstein herd was assembled in 1917 and registered Guernseys were added later. More farms were added to the original 100 acre plot, and Forster built a canning plant, truck farm, green house, apple orchards, a tea room and homes for 50 employees. Chickens came next, and more and more land was acquired to grow feed for the livestock.

The country club was built right after the stock market crash of 1929, just for the personal use of Forster and his friends, a $555,000 layout with a swank club house and an intricate 18-hole golf course. By the time it was finished in 1931, there were over a million dollars invested in the farms and the club. That was the year that Forster died.

The management was turned over to his son, and then to his grandson, John Forster Abeel, not yet of voting age, but an able and modest young man. Abeel set out to make his circus full of white elephants show a profit by eliminating the tea room, the green houses, the Percherons, the orchards—everything that didn't look commercially attractive. The club was closed down.

By 1936 they were over the hump and the farm accountants were switching over to black ink. Since then it has continued to grow and prosper to its present 1,600 acres. It is the largest Grade A dairy in the state of New Jersey, bottling 25,000 quarts of milk a day, most of which is sold under its own trademark on its own routes. There are 14 cow barns and a 500-head herd of registered Holsteins and Guernseys. The ice cream plant makes 100,000 gallons of ice cream a year. In seven laying houses, there are 9,000 laying White Leghorns; and the hatchery produces about 500,000 chicks a year (about a quarter of a million dollars worth!) All the hay and silage and much of the grain is normally raised on the farm, which also has its own feed mill.

The country club has been Abeel's biggest headache, and the Forsgate Air Park was one means of relieving the financial pain. Two airstrips, hangers, and all the necessary equipment were provided on the large field just across the road from the clubhouse, which was thrown open to visiting flyers, featuring meals, recreation and over-night accommodations. Club memberships were expanded. It is still a loser on the books, but its convenient facilities for entertaining friends and business associates, and its advertising value for Forsgate Farms products perhaps justify its operation—and future plans now hatching may put it also in the profit column.

Forsgate Holsteins

Getting into the Holstein breeding angle, Forsgate Farms have the largest herd in the U. S. entered in HIR test. They made a 428.7-lb. fat, 5.7% average on 180 head in 1948, and they have an 8-year average on 187 head, 2X-5X milking, of 403.2 lbs.

They have recently completed their first string of AR records in many years, the entire group of nine cows averaging over 700 lbs. fat on 3X, with a top of 854 lbs. at 4 years. Nine more are now on test, and the string will be lengthened by several times as soon as remodeling operations now under way on the main test barn are completed.

Unlike most of New Jersey's large commercial milk-producing herds, Forsgate has always bred and raised its own herd replacements, and the high average production of the herd speaks well for the long-time breeding program. They have some really good cattle, for type as well as production, and they are currently adding to the breeding strength of the herd with a few select foundation purchases. Five head were bought in the recent Earlville Invitational sale, two of which, the Pete Kelley cow and the H. H. Rathbun, Jr. cow, milking 80 and 96 lbs. respectively. Another was the Harden Farms daughter of Dunloggin Model, which had not yet freshened.

It is a bull of their own breeding that has done one of the best jobs of any of the current members of the bull stud, Forsgate King Piebe, now nearing proven sire status. He has about 30 daughters in milk, and those we saw were noteworthy for their well attached, symmetrical udders, good tops and straight hind legs. The dam of this sire, now 17 years old and still going strong, has two records over 640 lbs. and one other over 700. She is Piebe Homestead of York Idlewild, a daughter of Piebe Homestead of York (son of Lashbrook Pearl Ormsby). She was classified Excellent at 16 years of age and has one other son in service at Forsgate. On the sire's side he is

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State Meetings

New Jersey--

A feature of the Annual Meeting of the New Jersey Holstein Association at Far Hills on January 14th, was the presentation of certificates to owners of cows that had produced 100,000 pounds of milk or more in their life time. Those receiving this award were: C. G. Martimer, Montague; Theodore Schantlin, Washington; Vineland Training School, Vineland; Martin Sheridan, Lebanon; Benton Farm, Blairstown; County of Essex, Cedar Grove; Foragate Farms, Jamesburg; Nicholas Kelley, Anandale; Charles H. Kirby, Harrisonville; Dorothy Moore, Newton; Wm. W. Phillips, Milford; P. P. VanNuys, Belle Mead, and New Jersey. Second 4-H winner was Brunswick. The records were made on official test in Herd Improvement Registry on 2X milkings daily.

Special honors were paid to the young breeders who did outstanding work with Holsteins during the past several years. John I. Stryker, Jr., Neshanic was recipient of the top 4-H award, which was a choice purebred heifer calf donated in the name of the Association by Nicholas Kelley, well known breeder of Lebanon, New Jersey. Second 4-H winner was Joseph Donahoe of Tranquility, who received from the organization a Show Kit containing blanket, halter, and brushes. Among Vo-Ag boys with dairy projects, John Petrilak of Belvidere was given the $100 cash award provided by the F. F. A. Foundation for his all around work in dairy farming with Holsteins as the adopted breed of cattle.

A newcomer among those getting the Progressive Breeders Award were C. V. N. Davis & Sons of Somerville. Mr. P. P. VanNuys, Belle Mead and Thomas Benson, Blairstow qualified again for the same honors.

The visiting speaker was Fred Nutter of Maine. He is a director of the Holstein-Friesian Association of America and has been a successful breeder of Black and Whites for forty years. He said the dairymen of the country owe much to the dirt farmer type of breeder of purebreds because he is not a faddist. We must raise the yield of the herd which is now just average or mediocre. Our purebreds will be better if we do not try to push up much farther the yield of the top herds because such an effort might lead to injury of the animals.

Other persons giving interesting reports at the meeting were W. H. Allen, Secretary, State Department of Agriculture; Dr. J. W. Bartlett, College of Agriculture, and Allen Crissey, Eastern Fieldman, Holstein-Friesian Association of America.

Resolutions of respect were adopted pertaining to the passing of two noted members in 1949—J. S. Katzenstein, Hamburg and Mark H. Keeney, Cedar Grove. Other resolutions approved dealt the commending of the program and with the uniform fair regulations and activities of the Experiment Station and Extension Service of the New Jersey College of Agriculture.

The directors re-elected for a three year term were Frank Pettit, Woodstown, Salem County; Stanley Roberts, Montague, Sussex County, and P. P. Van Nuys, Belle Mead, Somerset County. Art Curren, Cedar Grove was chosen to fill the two years unexpired term of Director, Mark H. Keeney, who passed away on October 9, 1949. Mr. Curren succeeded Mr. Keeney as Farm and Herd Superintendent at the Overbrook Hospital Dairy in Essex County. Officers elected for 1950 were: President, P. P. Van Nuys; Vice President, S. B. Roberts; Treasurer, S. I. DeHart, Belle Mead, and Secretary, E. J. Perry, New Brunswick.

Allen Crissey presents Progressive Breeders Plaque to C. V. N. Davis of Somerville, N. J., a director of the state organization at its annual meeting on January 14 at Far Hills.
Honored also were Peter P. Van Nuys (left) president, and Thomas H. Benton (second from left) a director of the Holstein Association of America, whose herds again made the requirements and who received bars to attach to their plaques.

Kansas--

Joe M. White Elected President--Plans Made For A Busy Year

The Holstein-Friesian Association of Kansas held its annual meeting January 31 at Kansas State College. Secretary T. Hobart McVay reports that it was the largest, best feeling, and doingest crowd they have had out in years all assisted by good weather.

The meeting set up an important and comprehensive timetable of Holstein events for the year. First consideration was given to date of the Kansas State Sale, which always ranks up with the leaders, and which will be held Thursday November 2nd at Herington, Kansas. Raymond Bollman, Edna, Kansas was appointed chairman of the State Sale committee.

Dates for the spring planning meetings in Kansas were set as follows: South Central district, March 1; Ark Valley district, March 2; West Central, March 3; Northwest district, March 4; Southeast district, March 6; East Central district, March 7; Capitol, Topeka, March 8; Northeast district, March 9; North Central district, March 10; and Central district, March 11.

The dates for the Kansas Black & White Shows are April 19th to 29th inclusive with the routine of dates not definitely decided. The All-State Show will be held at Stockton, Kansas with the Northwest district, and the Stockton Chamber of Commerce as hosts. The date will be Wednesday May 3. This date was set with the idea that participating herds could go from the All-State Show, direct to the American Royal Dairy Cattle Show, which opens May 6th, and continues through May 13.

Richard E. Nelson, new National Association Fieldman in the Southwest territory was making his first appearance before a Kansas crowd, and outlined some of his ideas as to the future regarding his work. During the meeting he presented a 100,000 lb. production certificate to Jake Zarnowski. The award of a Progressive Breeders Registry was also made to Harvey Bechtelheimer of Sabetha. This is the seventh PBR Award to Kansas breeders. Additional numerals to the old awards were presented

to R. L. Evans & Son, Hutchinson; and Lloyd Sholtz, Pretty Prairie.

Committee appointments included the following: State Show Herd Committee: Earl Phillips, Manhattan, Chairman; Dale Kubin, McPherson; and Harold Scanlon, Abilene.

State Sale Committee, Raymond Bollman, Edna, Chairman; Grover G. Meyer, Beattie; and R. L. Evans, Hutchinson.

Virgil Miller, Secretary of the Kansas State Fair, reported prize money this year in the dairy department would carry an increase of 25%, which will be about a $20 first running on down in some cases as far as 12 to 14 placings. This is in addition to the district money paid to Kansas exhibitors representing their respective district.

The election of officers resulted in moving Vice-President Joe M. White, Topeka up to President; William C. Beezley, Girard from Director at Large up to the office of Vice-President; and George E. Stone, Medicine Lodge to the position of Director at Large. T. Hobart McVay was re-elected to the office of Secretary-Treasurer.

Idaho—

The Idaho Holstein-Friesian Association met December 14 at Pocatello. This was part of a three-day session constituting the 28th annual meeting of the Idaho Dairymen's Association. The milk producers group met on December 13 and 14 and each of the five breeds, Holstein, Jersey, Guernsey, Ayrshire and Milking Shorthorn associations holding their separate meeting on December 14. The whole group joined in a banquet on the evening of the 14th, then the meeting of the State Dairymen's Association came on the day following.

Secretary Jerry McFarland of the Holstein-Friesian Association reports that there were 60 people in attendance at the Holstein meeting. After the reading of the minutes and the financial report, the meeting listened to a discussion on the showing of the state herd at the Pacific International by Henry Drury. The Idaho cattle made a fine showing at this regional show, including grand championship on Mr. Drury's bull. Verne Carson of Hagerman, Idaho, gave a report on the national convention at San Francisco.

Plans for a state sale in 1950 were discussed by Albert Jaegels of Buhl and the group went on record as favoring the support of such an event.

Certificates of long-time production (100,000 lbs.) were presented. Prof. D. L. Fourt of the University of Idaho receiving two as well as his tenth consecutive year bar for Progressive Breeders' Registry, while Silas Spaulding received one Production certificate.

The principal speaker of the afternoon was Dr. L. H. Scrivner. He discussed matters of herd health and management, particularly problems of the digestive system of the cow.

Election of officers resulted as follows: President, Purl Massey, Gooding; Vice President, Henry Drury, Preston; Secretary and Treasurer, William Stevens, Meridian. Directors, Kenneth Merrill, Blackfoot; Harris Mickelson, Lago; Charles Read, Buhl, and H. D. Parks, Blackfoot.

The annual banquet of the Dairymen's Association was a fine affair. At the Dairymen's Association meeting the next day a resolution was introduced by the high test breeds to put the Association on record in favor of raising the minimum fat requirements for a bottle of Grade A milk to 4%. The minimum is now 3.2%. This was of course strongly opposed by the Holstein group and with the aid of the Milking Shorthorns breeders and the processors the resolution was killed. The principal speaker of the afternoon was Dr. Don Theophilus, dean of the University of Idaho School of Agriculture.

1950 Officers Idaho Holstein-Friesian Association

Front row, left to right: Henry Drury, Preston, Vice President; Purl Massey, Gooding, President; Wm. Stevens, Meridian, Secretary and Treasurer. Back row: H. D. Park, Blackfoot, Director; Kenneth Merrill, Blackfoot, Director; Jerry Plowman, Logan, Utah, Fieldman; Charles Read, Buhl, Director. Absent when picture was taken, Harrison Mickelson, Lago, Director.

Michigan—

O. F. Foster Elected President
A Good Year's Work Reported

The Michigan Holstein-Friesian Association, Inc. held its annual meeting January 30 at East Lansing. This meeting is regularly held during Farm & Home Week and the morning program is a joint session of all dairymen of the state. In the afternoon each breed holds its separate meeting. The Holstein group had luncheon together and at 1 P. M. President George Schafer called the meeting to order. Everett Miller, Secretary-Treasurer read the minutes of the previous meeting and gave the report of the progress and activities of the past year.

Martin Buth, Jr. gave a report of the two successful state sales of the year. These sales are a long-established institution which always rank well up with the best.

R. P. Ullmann reported on the county black and white shows and the very successful state black and white show held in August at the Wolverine pavilion with Mr. and Mrs. C. B. Smith as hosts. This activity is very popular with the Michigan breeders and the speaker urged, "that to keep the Holstein industry on the way up you must have continued support for shows, sales, and tours."

Dean Bryan of the Veterinary Department of Michigan State College told of the planned improvement of that department and expressed his thanks to the Michigan Holstein-Friesian Association, as having done more than all other associations to further the project of improving the facilities of this department.

Russ Miller, national fieldman for the Michigan-Indiana territory, gave a summary of his activities. He reported that Michigan stood fifth in classification work, and commented upon the very successful series of black and white shows, fairs, and other activities. He expressed his pride in being associated with a group which had grown and progressed as the Michigan organization has done.

Fred Tullis, who is this year completing a four year term as national director from Michigan, was introduced. He stated that as a director he judged each problem coming before the board, first—is it the best for the breed; second—will it strengthen the national association. He stressed the importance of fair competition and the punishment of those who violate the rules of our association. He urged that our association should adopt the Canadian plan in the registration of our male animals.

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Something to Think About

Plan for Selective Registry of Bulls Proposed

By H. W. NORTON, Jr., Executive Secretary

We have completed 21 years of herd inspection and classification under the Herd Classification or Selective Registry program, which became effective January 1, 1929, and it is well now to review the results. The purpose of this program is to improve the general type of the breed by spotting the high type specimens rated Excellent, Very Good, and Good Plus as the sires and dams to select for breeding better type into our herds over the country and by elimination of the "Poors" of either sex (their registry papers are canceled), and by barring the registration of male calves from cows and heifers rated Fair. The restrictions placed on these poorer type animals is the more important part of the program because the high type animals of the breed will take care of themselves and do their part in herd improvement if given any reasonable opportunity.

During these 21 years we have inspected and classified 5,455 herds including 4,157 males and 103,033 females or a grand total of 107,190 animals. The herd inspection includes all males over 5 years old and all females that have ever freshened, and the ratings of the six classification groups is based on the official score card or standard of excellence for the breed which allows a total score of 100 points for the perfect animal, the "True Type" Holstein cow or bull. In this large group of more than 100,000 animals that have been inspected, 1.5% have been classified Excellent, 16.9% Very Good, 37.6% Good Plus, 35.8% Good, 9.7% Fair, and 0.5% Poor. As mentioned above, the registration certificates of animals classified Poor are canceled and registration of male calves from cows or heifers rated Fair is barred. During the 21 years of Herd Classification, 10,525 females have been rated Fair, barring their male progeny from registry, and this same restriction now applies to male progeny of bulls rated Fair, as the Board of Directors amended the Herd Classification rules December 1, 1949 adding such a provision. These limitations have been applied to male progeny because of the greater effect on the herd from the bull as compared to the individual female.

This program of type improvement is entirely voluntary on the part of the herd owner, who may or may not have his herd classified as he sees fit, but if he does sign up for Herd Classification he must abide by the restrictions imposed by the rules. During the year just closed, we inspected and classified 828 herds—a very small percentage of the total number of herds throughout the country—so that these restrictions which are very desirable from the standpoint of developing better type in our herds have had only a limited effect. Barring registration of bulls out of dams of the less desirable type is a sound and logical approach to breed improvement and should have the support of breeders generally. If we raised this limitation to apply to females classified Good, it would mean that we would use only those bulls whose dams were in the upper half of the breed so far as type is concerned. Of the 103,033 females classified, 56,714 or 55% have been classified Good Plus or higher and the remaining 45% made up the three lower brackets Good, Fair, and Poor. The dividing line between Good and Good Plus is 80 points on the score card, as animals rated Good Plus must score 80 points or better, and we should give very careful consideration to such a requirement for the dams of bulls to be used as herd sires. Surely the dams of our herd sires should score at least 80 points if we are to expect improvement in the type of our herds, and with such a requirement we should be in a position to move forward much more rapidly.

So far, the restriction on registration of male calves has applied only to those out of "Fair" cows and has been limited to a comparatively small group of herds—those classified. **Why not amend the By-Laws to require that females must be rated Good Plus or higher to qualify their sons for registration?** Our sister organization north of the border, The Holstein-Friesian Association of Canada, placed such a qualification on bull registration in 1945 and it has worked satisfactorily according to Secretary Clemons. He reports that bull registrations in Canada have dropped about 25% during the past four years, since the rule became effective in 1945. Part of this drop in his opinion is due to the growth of artificial insemination, but he attributes the most of it to the eligibility requirement that the dam must be rated at least Good Plus. If we favor the idea of limiting registration of bull calves to dams classified Good Plus, Very Good or Excellent, the first question is "Would there be enough bulls to satisfy demand?" and the experience in Canada should provide the answer. They have had no difficulty.

We used to count on a bull for every herd, large herds with several bulls offsetting small herds that depended on service to a neighbor's bull. We have 100,000 cards in our active breeder file—that is, members and non-members actively engaged in breeding Holsteins—and assuming a two-year service period, 50,000 bulls would be required annually on the basis of one for each breeder. This picture is changing rapidly with the growth of the artificial insemination program and thousands of herd owners no longer keep a herd sire of their own, depending on service from the local artificial breeding organization, and the downward trend in bull registration is already under way. During the five year period 1940-44 our bull registrations represented 22.6% of total registrations, but during the past five years, 1945-49, only 21.5% of total registrations have been males and for the past year males represented only 20.4% of total registrations. Casual examination of the figures for registration would not reveal this trend because we have actually registered more bulls during the past five years (total 168,194) than we registered during 1940-44 when the five-year total was 155,455. This gain in total bull registrations is due in part to the gain of the breed in new herds and in part to the stimulus of high prices, but I am satisfied that percentage of males to total registrations is a better indication of the trend, and percentagewise, the trend is downward. Fewer bulls will be needed as artificial breeding increases and this program is developing with surprising speed. During 1947 our registrations of calves conceived artificially represented 12.9% of all registrations; in 1948 calves from artificial insemination represented 16.8% of the total; and the percentage for 1949 will show a further increase—probably in the neighborhood of 21%, though the actual figures are not yet available.

During the past ten years our bull registrations have averaged 30,000 head annually and we usually have a good supply. For purposes of discussion and allowing for further inroads from the artificial breeding program, we might assume that 24,000 registered each year would be enough bulls for our grade and purebred herds. A total herd of 60,000 females meeting classification requirements of Good Plus or higher, should be about right to furnish 24 - 25,000 bulls each year. To find that many qualified females would require a very great increase in our classification program. If the effective date of the program could be set ahead two years from the date of adoption, allowing this two-year period to get ready we would need to classify three or four times as many animals per year for at least two years as we have been handling during the past three or four years. It would be a tremendous job, but it could be done if such a program should seem desirable to our breeders and be adopted.

Generally speaking, we are not favorably inclined to regulation and regimentation in this country, though we have experienced a good deal of it during re-

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Editorial---

Nominating Petitions Out

The machinery for the election of delegates to the 1950 Annual Convention of the Holstein-Friesian Association of America, is now getting in motion. The nominating petitions are now in the hands of members.

These petitions carry full instructions and it is to be hoped that breeders in every state will not neglect to file delegate nominations with the Secretary. It would be grand if every district could be represented. We have been short two states in each of the past two years.

A very interesting convention is in the offing at Syracuse and the New York Holstein-Friesian Association Committees are hard at work on plans to make it a pleasant and instructive occasion also.

We do not yet have the official membership count by states, but understand there will be the same total number of delegate positions open as last year. The figure is 153. There are, however, a few changes by states. Wisconsin, New Jersey, and the District of Columbia each lose one, while North Carolina, Ohio, and Pennsylvania each gain one. Determination is on the basis of active membership, each district (state) being entitled to one delegate, plus one for each 150 active members, or major fraction thereof. The changes come in states that were just about on the "major fraction" dividing point last year.

You have until March 9 to get your nominating petitions back to the Secretary. Names are arranged on the ballots in the order in which they are received there.

Further time table of the election calls for submission of the ballots to members by April 8, with a voting period of 20 days (40 days before the Convention). The ballots are then canvassed and successful candidates notified at least 14 days in advance of the convention, which will be held at Syracuse, N. Y., June 6-7.

Food For Thought

Food for thought indeed is the letter from Secretary Norton appearing on another page of this issue relative to selective registry of bulls.

The subject is not a new one. It has been under special study by committees of the Association on various occasions in the past. The most recent was in 1940 and 1941 when the Meyer committee considered the possibility of restricting bull registrations to sons of dams with AR or HIR records. The conclusion was that this limitation would not be acceptable at that time and no action was taken.

The Meyer committee study did reveal however that only 47% of the breeders registering animals were recording any bulls at all. Sampling of the bull entries in HB Vols. 81-82-83 (current at that time) indicated that only 25% of the bulls registered were from dams with AR or Herd Test records.

The current proposal relates to a requirement that dams of bulls accepted for registry must have an official rating of Good Plus or higher. The Holstein-Friesian Association of Canada has been working under such a rule four years. They are now planning a set-up to require a production record, plus the type rating. They figure that with artificial breeding increasing so rapidly, they would still have all the bulls they would need.

The Canadian problem however differs in several important respects from ours in the U. S. Their herds are more concentrated in area for purposes of inspection. They also have free government supervision for their ROP tests, with breeders paying only for board and lodging of the supervisor and his transportation. They have no generally used alternative form of testing like our DHIA.

It is of course true that since 1941 there have been important changes in our over-all picture. Artificial breeding Associations have now become big business. The market for bulls has been reduced, although top bulls are still in demand, and the market for well-proved bulls greatly strengthened.

We have also greatly increased the amount of herd classification in spite of materially higher fees for the service. The number of herds on HIR test has also steadily increased.

It would seem to us that any selective system based upon Type Classification should permit an alternate form of qualification through record of the dam or other pedigree attribute (like a proved sire).

Even then we are flirting with trouble from the rank and file of breeders. The American Jersey Cattle Club tried it several years ago, under a combination "star" arrangement. Pressures built up among the breeders, however, which forced its repeal within a few years. They still recognize their "star" bulls, but do not refuse registration of bulls failing to meet even the simple requirements they set up.

It would be unrealistic if we failed to recognize that there are many breeders who have serious reservations about our whole herd classification program. They recognize it as one man's judgment, often given under pressure of close time schedules. Serious doubts have been expressed that animals in other than full bloom, get equal treatment. Others have raised the question of lack of uniformity in the viewpoints of inspectors which too often have left breeders confused and disappointed.

These are not our arguments, but we run into them constantly in conversation with breeders. While these breeders might have no objection to a production requirement of some sort of inheritance standard for the registration of bull calves, we feel sure they would not readily accept a type classification yard-stick by "forcible feeding".

The economics of the bull situation is eliminating very rapidly the cheap bull calf that has nothing to commend it except registry papers. Veal and baby beef are more profitable markets. The $5.00 artificial service fees are contributing to that situation, perhaps to the benefit of all concerned. It is a fair question to consider whether a mere Good Plus rating on a dam, without other qualifications, would change that picture much.

The subject is a very interesting one and we offer the full facilities of our Round Table for its public discussion. Breeders are invited to express their views. It is our understanding that the Rules Committee of our Board plans to submit a definite proposal for action at the Syracuse Convention in June.

The Cover

Lilly Ormsby Pride Tritomia 2236894, our cover subject this week, was one of the greatest cows bred by the late Paul P. Stewart, Maynard, Iowa. Born October 25, 1940, she was a daughter of Lillian Pride Sunbeam, national champion junior two-yr.-old in the ten months division 2X at that time, and sired by Sunbeam Pride Transmitter, famous Gold Medal Sire in the Stewart herd. The sire of Lillian Pride Sunbeam and the dam of Sunbeam Pride Transmitter were full brother and sister from one of the best Stewart families, while the dam's dam, Miss Pride Model Lass, was a paternal sister of Sunbeam Pride Transmitter.

Freshening first as a junior two-year-old, Lilly Ormsby Pride Tritomia made a record of 565.2 lbs. fat, an Iowa State Record, and her bull calf, Sir Perfection Transmitter Lilly, later won fame in the Rehder herd by winning grand championship at Iowa State Fair in 1947, and being nominated for All American that same year. This bull is proven with two-year-old daughters up to over 500 lbs.

Desiring to get a son of Lilly by Governor of Carnation, Paul Stewart arranged with the Carnation people to take her to their farm for her second freshening, put her on test and breed

her to the Governor. She accordingly made the trip to Carnation Farms along with her three-quarter sister the $10,000 Dark Dawn, which Carnation had purchased in the Blue Ribbon Sale. Here she dropped a bull calf named Ormsby Transmitter Top Sergeant, who was sold in the Evergreen Classic for $1100, to Martin Treuti then of Snohomish, now of Carnation, Washington. This bull has since been classified Very Good, and has two-year-old daughters with records up to 559 lbs.

In the Carnation test barn she made her four-year-old record on 4X milking of 27,185 lbs. milk, 3.8%, 1042.8 lbs. fat and returned to the Stewart herd dropping the desired bull calf in April 1945. He was named Governor Pride Transmitter, and when the Stewart herd was dispersed in 1946, sold to a syndicate of North Eastern Iowa breeders for $8500.

Lilly herself was one of the top attractions of the Stewart Dispersal and was purchased at $9350 by D. A. Buth, Belmont, Michigan.

We do not have her complete calving record in the Buth herd, but she has produced a son by Montvic Rag Apple Chief (Gold Medal), which is named Creston Pride and is a junior herd sire at Creston Farms, Comstock Park, Mich. The picture was made last summer by Martin Buth, Jr.

NEXT TIME

How to Make the Headlines

First of a Series of Three Articles

By BEN BROWN

Observations on Ketosis (Acetonemia)

By MELVIN A. SCHOLL

(formerly of Maytag)

Sale Calendar—

Feb. 22 **Burbank, Ohio.** G. H. Bourman & Sons Dispersal, J. O. Fenstermaker, Sale Mgr., Homerville, Ohio.

Feb. 22 **North Petersburg, N. Y.,** Albert Kyer Dispersal, Management R. Austin Backus, Mexico, N. Y.

Feb. 23 **West Liberty, Ohio,** Carl H. Gray & Son Sale Purebreds and Grades.

Feb. 23 **Oakville, Ont.,** Sales Arena, Willmac Purebred Holstein Dispersal, Hays Ltd., Sale Mgrs.

Feb. 24 **Hamilton, N. Y.,** Harvey Honsinger Dispersal, Management R. Austin Backus, Mexico, N. Y.

Feb. 27 **Brantford, Ont.,** Oak Meadows Farm Dispersal, J. O. Trepanier, owner; L. E. Franklin, Sale Mgr.

Mar. 1 **Oakville, Ont.,** Sales Arena, Alex Hendry Dispersal and Consignment sale, Management Hays, Ltd.

Mar. 1 **Earlville, N. Y.,** 251st Earlville Sale, Management R. Austin Backus, Mexico, N. Y.

Mar. 4 **Union, Ill.,** C. T. Haverly Dispersal.

Mar. 8 **Oakville, Ont.,** Sales Arena, S. R. West Estate Dispersal, Management Hays Ltd.

Mar. 8 **Chambersburg, Pa.,** Cumberland Valley Sale, Clyde W. Gsell Farm, Management R. Austin Backus, Mexico, N. Y.

Mar. 9 **Gettysburg, Pa.,** E. W. Weaner Dispersal, Management R. Austin Backus, Mexico, N. Y.

Mar. 11 **Lebanon, Pa.,** F. L. Heilman & Son's 28th Annual Spring Sale.

Mar. 11 **Williamston, Mich.,** 22d Wolverine Sale, Management C. B. Smith.

Mar. 13 **Tulsa, Okla.,** Tulsa Spring Classic Sale, Sale Managers, C. O. Abercrombie, Vinita; and Bob Adams, Broken Arrow, Okla.

Mar. 14 **Lancaster, Pa.,** 65th Garden Spot Sale, Management R. Austin Backus, Mexico, N. Y.

Mar. 17 **Elverson, Pa.,** David D. Sharp, Management R. Austin Backus, Mexico, N. Y.

Mar. 18 **Sacramento, Calif.** (Fairgrounds) 2d Annual California Holstein Heifer Sale.

Mar. 20 **Hyattsville, Md.,** Bellevue Farm Complete Dispersal, Management R. Austin Backus, Mexico, N. Y.

Mar. 23 **Middletown, Pa.,** C. S. Erb & Co., Sale of Canadian Purebred and Grade Holsteins.

Mar. 27 **Earlville, N. Y.,** Fourth Madison County Sale, Management R. Austin Backus, Mexico, N. Y.

Mar. 27 **Waukesha, Wis.,** The 26th Anniversary Sale, Management Baird & Darcey, Waukesha and Watertown, Wis.

Mar. 28 **Watertown, Wis.,** The 26th Anniversary Sale, Management Baird & Darcey, Waukesha and Watertown, Wis.

Apr. 3 **Hillsboro, Ore.,** Oregon State Holstein Consignment Sale, E. E. Everly, Sale Mgr., 615 New Work Life Bldg., Seattle, Wash.

Apr. 5 **Earlville, N. Y.,** 252d Earlville Sale, Management R. Austin Backus, Mexico, N. Y.

Apr. 8 **Williamston, Mich.,** 23rd Wolverine Sale, Management C. B. Smith.

Apr. 10 **Warsaw, Ind.,** Indiana State Spring Sale, Earl Martt, Sec'y, LaCrosse, Ind.

Apr. 20 **Lancaster, Pa.,** 66th Garden Spot Sale, Management R. Austin Backus, Mexico, N. Y.

Apr. 21 **Sandusky, Mich.,** 7th Annual Sanilac County Holstein Sale, Earl Warner, Sec'y.

Apr. 22 **Belmont, Pa.** (Lebanon Co.) **Sanger Lee Holstein** Dispersal, Paul E. Sanger, Sale Mgr. & Auct., Myerstown, Pa.

Apr. 24-26 **Strongsville, Ohio,** The Otco Dispersal Sale.

Apr. 24 **Chateauguay, Que.,** Julius A. Rosenfeld Dispersal, Management Hays Ltd., Oakville, Ont.

Apr. 27 **Hamburg, N. Y.,** 5th Western New York Club Sale, Vernon F. Long, Chairman Sale Com.; R. Austin Backus, Mexico, N. Y., Sale Mgr.

Apr. 30 **Springfield, Mass.,** Bred Heifer Classic.

Apr. 29 **Cortland, N. Y.,** Walter Burtis Heifer Sale, Management R. Austin Backus, Mexico, N. Y.

May 1 **Cazenovia, N. Y.,** Little Brook Farm Annual Heifer Sale, Management R. Austin Backus, Mexico, N. Y.

May 1 **Oconomowoc, Wis.,** (Pabst Farms) Top-of-the-Crop Sale, A. W. Petersen, Sale Mgr., Oconomowoc, Wis.

May 2 **(Place to be announced)** A. W. Petersen, Sale Mgr., Oconomowoc, Wis.

May 3-4 **Earlville, N. Y.,** 253d Earlville Sale, Management R. Austin Backus, Mexico, N. Y.

May 8 **Williamston, Mich.,** Wolverine Classic, Management C. B. Smith.

May 10 **Trenton, N. J.,** New Jersey State Sale, Wm. W. Phillips, Ch. Sale Com., Milford, N. J.; R. Austin Backus, Mexico, N. Y., Sale Mgr.

May 11 **Pinnacendville, Pa.,** Southeastern Pennsylvania Breeders' Sale at Geo. Hunsberger's Farm, J. O. Canby, Longhorns, Ch. Sale Com.; R. Austin Backus, Mexico, N. Y., Sale Mgr.

May 18 **Lancaster, Pa.,** 67th Garden Spot Sale, Management R. Austin Backus, Mexico, N. Y.

May 22 **Canadian National Sale,** L. E. Franklin, Mgr., Brantford, Ont.

May 23 **Oakville, Ont.,** Sales Arena, Holstein Consignment Sale (1 PM), Management Hays Ltd.

June 8 **Syracuse, N. Y.,** National Home-Coming Convention Super-Duper Sale.

Aug. 31 **Oakville, Ont.,** Sales Arena, C. M. E. Consignment Sale, (1 PM), Management Hays Ltd.

Oct. 9 **Rochester, Minn.,** Olmsted County Annual Holstein Sale, Myron W. Clark, Sec'y, Stewartsville, Minn.

Oct. 14 **Fresno, Calif.,** (Fairgrounds) California Half Century Holstein Classic Sale.

Oct. 16 **Barron, Wis.,** The Barron Fall Sale, Robert W. Koepp, Mgr., Rice Lake, R-1, Wis.

Oct. 18 **Williamston, Mich.,** Wolverine Invitational, Management C. B. Smith.

Oct. 20 **Watertown, Wis.,** Dodge County Holstein Breeders' Ass'n Sale, Elemer F. Derg, Sec'y, Brownsville, Wis.

Oct. 20 **Northampton, Mass.,** New England States Annual Fall Sale.

Oct. 23 **Toronto, Ont.,** All-Canadian Sale.

Oct. 23 **Hutchinson, Kans.,** Central Kansas Holstein Breeders' Fall Consignment Sale, T. Hobart McVay, Sale Mgr., Nickerson, Kansas.

Oct. 27 **Plymouth, Wis.,** Sheboygan County Holstein Breeders' Sale, Wilbur Bohnhoff, Sec'y.

Nov. 3 **Herington, Kansas,** Kansas State Sale, Raymond Bollman, Edna, Kansas, Ch. Sale Com.

Nov. 6 **Waukesha, Wis.,** The U. S. National Blue Ribbon Sale, Management Baird & Darcey, Waukesha and Watertown, Wis.

Nov. 7 **Watertown, Wis.,** The U. S. National Blue Ribbon Sale, Management Baird & Darcey, Waukesha and Watertown, Wis.

Calendar of Coming Events—

Feb. 20-21 **Monroe, Wisc.,** Annual Meeting Wisconsin Holstein Ass'n.

Feb. 20-24 **Crookston, Minn.,** Red River Valley Winter Show and Northwest School Farmers' Week.

Mar. 6 **Syracuse, N. Y.,** Annual Conference, N. Y. Ass'n, Club presidents and secretaries. Hotel Syracuse, 10 A. M.

Mar. 10-14 **Tulsa, Okla.,** Tulsa Livestock Show, Holsteins judged Mar. 11.

Mar. 18 **Rochester, Minn.,** Annual Southeastern Minnesota Black & White Show.

Apr. 1-6 **San Francisco, Calif.,** Cow Palace, Grand National Junior Exposition.

June 6-7 **Syracuse, N. Y.,** 65th Annual Convention, The Holstein-Friesian Ass'n. of America.

Sept. 30-Oct 7 **Waterloo, Iowa,** 38th National Dairy Cattle Congress.

Oct. 7-14 **Indianapolis, Ind.,** International Dairy Exp.

Oct. 27-Nov. 5 **San Francisco, Calif.,** Cow Palace, Grand National Livestock Exposition.

Another Typical Rolling Woods Cow

GRACE ORMSBY FOBES HENGERVELD (VG)
(A "Joe" daughter)
By 10m 2X 3324 15,001 M. 4% — 625 F.
Joe's positive proving (DHIA-2X-ME basis)
on 24 pairs—
+ 1,692M + .3% + 80 F.

A Foundation Sire Extraordinary

ILEHAMWOOD ORMSBY JOE - GOLD MEDAL SIRE

HAS 102 LIVING DESCENDANTS NOW IN OUR HERD
1 son — 2 grandsons — all in active service.
4 grandsons — 1 great-grandson — (all calves).
18 daughters — 53 granddaughters.
23 great-granddaughters.
Many of these have two or more crosses to Joe.

This, we believe, is proof of our abiding faith in the high transmitting ability of this distinguished sire.

Rolling Woods Farm
R. F. D. 2 ELGIN, ILLINOIS

HARRY MARKHEIM, Owner EVERETT CLEVELAND, Mgr.

Glenn G. Davis

GLENN G. DAVIS

We learn with deep regret that Glenn G. Davis, 57, of Columbia, Missouri, died suddenly January 26. He had not been ill.

Glenn Davis, a town-raised boy (Joplin, Mo.), fell in love with Holsteins when he came to the University of Missouri in 1911, and Holsteins became his life work. He started a herd of his own at Columbia, and retailed Holstein milk at a premium. From 1927 to 1942 he managed the Fredmar Farm and herd of Mr. F. W. E. Vesper of St. Louis.

When there was a job to be done for Holsteins in Missouri, you could count on Glenn Davis. He was president or Secretary of the Missouri Holstein-Friesian Association from 1921 to 1958. He was elected a delegate to the Holstein-Friesian Association of America every year from 1922 to 1949, the whole period of our delegate system. He has served on many special committees of the national association, which he joined in 1917. He has managed the annual Missouri state sales every year from their beginning.

In general dairy organization work he also gave liberally of his time. He was president of the Missouri Dairy Association, vice-president of the Dairy Industry Council of Missouri, president of the St. Louis County Farm Bureau, manager of the Missouri A.D.A., and president of the Agricultural Alumni Association of the University of Missouri.

In 1922 he married Tillie Grace Campbell and they raised a fine family of two daughters and a son. The older daughter, Alice (Mrs. James Gast) resides in Chicago. The younger daughter, Sarah, is still in college. The son, Glenn Jr., is with the Lambert Pharmacal Co., St. Louis. Mr. and Mrs. Davis had been to St. Louis the day before his death, to see a new granddaughter.

TRIBUTE TO GLENN DAVIS

The honors which Glenn Davis held, often taken at personal sacrifice, can never convey the vitality, energy, unfailing courtesy and warmth of friendship which Glenn radiated. Often it seems that under the kindly influence of his personality difficulties and enmities sort of melted away. There were not enough men of Glenn's kind that any can be spared, and I doubt we, here in Missouri in particular, can measure our loss. It just sort of seems now like God made Glenn and then lost the mould.

Hannibal, Mo. SCOTT MEYER.

Kentucky Green Pasture Program

All agencies in Kentucky are united in a Green Pastures program, which holds great promise. It was inspired by the very successful New England green pastures program, which has now completed three years of successful operation. The Kentucky Farmer now publishes a 32 page special insert printed in green in its February issue, in a great booster effort for this program. We hope the idea may expand into other states. It is very valuable.

Polled Progress

Volume one, Number one of POLLED PROGRESS, a monthly journal devoted to the advancement of polled cattle has been received. Gerald F. Wright, Route 1, Sandpoint, Idaho is the Editor and Publisher. It is a little magazine of 16 pages. The first issue carries a lead article on the history and development of Aberdeen Angus cattle, and an announcement is made that the next issue will be a special polled Holstein-Friesian edition. Other polled breeds will be featured in the succeeding months of the year.

Index and Calendars Now Ready

The WORLD All-American Calendar for 1950 is now off the press and ready for immediate delivery. It is 37 x 25 inches, presents large cover-size engravings of all 15 of the All-Americans, with the pedigree, production and show records of each animal, plus the 15 Reserve All-Americans in each class. They are available at 50c each, postage paid.

We also have a limited supply of extra copies of the index for the 1949 WORLDS which we will be happy to send to interested readers as long as the supply lasts.

Our Senior Sire

PEMCO ALMAS ONLY SON

HE IS TOPS !!

He has two State Record daughters, one that broke the Ohio State Record three times at two, three and four years of age.

Oostic Pemco Alma Ideal broke the Minnesota State Record as a four-year-old with 875 lbs. fat and a 4.40% test.

Hartwood Pemco Alma Princess, first broke the Ohio State Record as a Junior two-year-old on twice-a-day milking with 688 lbs. fat and a 3.70% test.

Then as a three-year-old, on twice-a-day milking, she broke the State Record in the Ten Months' Division with 608 lbs. fat and a 4.00% test. She came back as a four-year-old and broke the State Record with 866 lbs. fat and a 4% test.

We are using Pemco Almas Only Son and two of his grandsons (who are also grandsons of the "Gold Medal" Wisconsin Admiral Burke Lad) in our **breeding program.** Take advantage of the opportunity to get some of these top bloodlines in your herd. See us today for your Herd Sire. We can fill your needs with a choice young bull.

MARLOW HOLSTEIN FARMS **Box 148** **Mankato, Minnesota**

J. C. MARLOW, Owner

JOHNNY RAHBEK & C. W. SONNABEND, Operating Partners

EARLVILLE No. 250

Catalog Summary		
82 Females 2 Yrs. & Over	$27,265	$333.50
(24 calves under 3 mos. a. w. d.)	1,081	$5.04
1 Bred Yearling	275	275.00
1 Open Yearling	185	185.00
5 Heifer Calves over 3 mos.	682	136.50
9 Bulls over 3 mos.	3,425	380.56
98	$32,913	$335.85
22 Orphans	1,630	
	$34,543	

Seventy-two consignors and 87 buyers entertained an audience of 700 at the 250th sale in the Backus Holstein sale market at Earlville on Feb. 1. The sale total was $34,543 with the following classified averages: 71 cows $353; 9 bulls $380; 6 open heifers $152; 15 bred heifers $508; 21 orphans (under three months) $66; baby heifers $55; baby bulls $50. It was a horse-race to see who would top the sale. A. L. Rose (the Hedge farm) sold two 10-months' old bulls at $650 and $750 with Osborndale selling a heifer at $500 and a cow and calf $700 and one cow from Canada went at $500. There were 21 in this sale that went above $400 and 66 that stopped in the $300 class. Seven buyers were present from Pennsylvania and New Jersey.

The buyers and details on sales of $500 and over:

—John R. Parsons.

Edgar Messerschmidt, Myerstown, Pa.
(M) Hedge Adean Double (1-49) $930
(The Hedge, Alfred L. Rose, Pine Plains, N. Y.)

Alex Wiczavich, Tunkhannock, Pa.
(M) (Hedge Acreston Posch (2-49) 650
(The Hedge)

Robert J. Greenwood, Ithaca, N. Y. (3)
Osborndale Lochinvar Lady Ann (11-47) 500
(Osborndale Farm, Mrs. W. B. Kellogg, Derby, Conn.)

Alfred W. Cole, Avon, N. Y. (4)
Wakefield Marksmaid Priscilla (9-47) 500
(G. H. McKibbon & Sons, Glanford Station, Ont.)

Charles Lawton, Maryland, N. Y. (3)
Osborndale Lady Ormsby Lochinvar (12-45) 500
(Osborndale Farm)

Other buyers were: Lloyd C. Fitch, Burlington Flats; Seymour A. Fisher, Hamilton; Kermit D. French, Newfield; Cecil B. Frasier, Richmondville; Robert W. Foreman, Walton; Robert Fitch, Burlington Flats; Russell French, Clay; Joseph Gustik, Richfield Springs; Floyd A. Grant, Cazenovia; Lawrence Eaton, Cuyler; Herbert Johansen, Canajoharie; R. L. James, Interlaken; J. Clifford Young, Greene; John Dunn, Richfield Springs; Harold Deutsch, Hurleyville; Robert E. Moore, Canajoharie; Paul Micha, Greene; W. J. Maynard, Smyrna; Harold A. Meade, Clyde; Sam Maloff, Syracuse; Willis S. Meade, Clyde; J. L. McGrath, Bouckville; Warren A. Melvin, Baldwinsville; Franklin Mott, Groton; Ralph Conners, Knoxboro; Carlton J. Chambers, Walton; P. Cornish, Horseheads; Osborn Cole, Windham; Lester Carrier, South Otselic; Clarence Hurst, Springfield Center; Loyd B. Brown, So. Otselic; Burns Bros., Vernon Center; Conrad S. Bader, Arnold S. Bader, Richmondville; Glen A. Blumenstock, Cherry Valley; Louis K. Burrows, Linckliaen; Joseph E. Bosko, East Aurora; W. W. Burtis, Cortland; Carlyle Alexander, Jamesville; Aungier Bros., Tully; Alton G. Henderson, Stamford; Bruno Hugg, Amsterdam; Michael Hawrylchak, Richfield Springs; Harry Ingersoll, So. Otselic; Donald Hickling, Edmeston; Eleanor A. Lake, Sloansville; Eugene Lyon, Cazenovia; Marcel Wagner, Bradford; Wm. Ward, Moravia; Milton Wipe, Cazenovia; Cleo Wilcox, De Ruyter; Clarence D. Wilcox, Groton; Frank White, So. Otselic; Kenneth Wilsey, Worcester; Frank White, So. Otselic; Joseph Patrick, Bradford; M. C. Phillips, Geneva; Richard P. Parulski, Bath; Sally Bros., Waterville; Mackey Smith, Middleburgh; Gerald W. Rowe, Norwich; George Rathbun, Cazenovia; Donald H. Scott, Hampton; Lawrence & Frank Searles, Watkins Glen; Theodore Seaver, Glenfield; Smallenberger Bros., Knoxboro; Frederick J. Steglic, Mohawk; Dr. Jos. J. Sullivan, Johnson City; Donald H. Scott, Hampton; Donald Tiffany, Glenfield; E. C. & A. A. Stagner, Lockport; Ernest M. Karr, Locke; Peter P. Kiklowicz, Bradford; Louis W. Krenzer, Webster; W. H. Smith, Pitcher; Nelson Kise, Seneca Falls, N. Y.; Victor Choplosky, Nicholson; Alban Carney, Donald L. Williams, Tunkhannock; L. L. Kibbe, Harrison Valley, Pa.; H. T. Underwood, Kingston, N. J.

JERSEYS HAIL NEW CHAMPION

A new national champion for the Jersey breed over all ages has just been announced. This is Orland Signal Vol. Sable, and her production is 1223 lbs. fat, 19,497 lbs. milk in 365 days, 3X milking. She is a senior four-year-old and is a Texas product. (A close call for Minnow Creek Eden Repeat in the age class).

Personals—

MC DOWELL SUCCEEDS BUTTON

Milton H. Button who has been director of the Wisconsin Department of Agriculture for the past six years, has resigned because of poor health. He is succeeded by Donald N. McDowell, 33, chief of the Department's administrative division for the past two years.

SHUART TO PANAMA

C. Edmund (Eddie) Shuart, herdsman at the New Jersey Agricultural Experiment Station at Beamerville, New Jersey since 1935, has resigned that position to become dairy plantation manager for Hacienda La Estrella, Aquaduke, Republic of Panama. We understand this is a very large dairy operation.

PINK COLMAN RECUPERATING

H. N. (Pink) Colman, for many years in charge of official testing in the state of Oregon and more recently alumni secretary of the Lambda Chi Alpha fraternity, has been forced to give up that work for reasons of health. He underwent three major operations last fall and is now returning to his old home at Seward, Nebraska for rest and recuperation.

DEAN KILDEE HONORED

At the recent annual meeting of the American Farm Bureau Federation, the Distinguished Service Award of the organization was presented to Dean H. H. Kildee, recently retired dean of Iowa State College.

News of the Trade

PARADISE VALLEY FARMS

The recent purchase of Glenafton Captivator at $4,000 by Dr. F. H. Stires of Canton, Ohio from J. J. E. McCague of Alliston, Ont., at the 29th Wolverine Sale has aroused considerable interest in the background of Dr. Stires and his Rag Apples at Paradise Valley Farms.

Dr. Stires was born and raised on a farm in central Ohio. He is now a prominent physician and surgeon in Canton. His father, H. W. Stires, was once cited in a 1914 Ohio State Experiment Station bulletin as a successful model farm operator. About 6 years ago Dr. Stires purchased Paradise Valley Farms near Canton and set out immediately to improve the farm and herd.

Two of the most noteworthy members of the present herd, now over half of Rag Apple breeding, are Lincoln Admiral Outlet Posch and Rag Apple Colantha Contender. Lincoln Admiral Outlet Posch has two records of over 800 lbs. fat on 2X milking with an average test alone 4%. Rag Apple Colantha Contender has 699.8 lbs. as a 4-year-old on 2X.

The new herd sire, Glenafton Captivator, is out of the highest record daughter of Marksman at Glenafton, 1020 lbs. fat. She is expected to have 100,000 lbs. of milk in her first four lactations. She is also the dam of the first prize 2-year-old heifer at the 1948 Royal, an indication of her transmitting ability.

Dr. Stires and his farm manager, Tillman Miller, extend a cordial invitation to the Holstein fraternity to visit him whenever they are in the vicinity of Paradise Valley Farms.

—RUSS MILLER, Fieldman

MORE HONORS FOR "OLD PRINCESS"

John Meyer of Paganok Farms, Hannibal, Missouri informs us of another honor that has recently come to Ormsby Triune Princess, the dam of the All American Produce of Dam. Her son, Admiral Ormsby Triune 717851 (VG) who was in service at Paganok for a number of years until his death was made Silver Medal Type Sire No. 104 on December 13, 1949. He was sired by Admiral Ormsby Segis the son of Admiral Ormsby Fobes and was bred by Charles J. Kossop, Cato, Wisconsin, from whom the Meyers bought him. His daughters excelled in body capacity (86.04%) and dairy character (88.25%) in the classification breakdowns. He had six AR daughters whose 12 records average 611.5 lbs. of fat and 17,249 lbs. milk (ME 3X).

For his Medal rating an average score of 82% was necessary. With 24 of his 57 daughters classified and their average score was 82.2. These included one Excellent, 7 Very Good, 7 Good Plus, 8 Good, and 1 Fair. Two of his sons, both Very Good were retained for service at Paganok, and they are now using a double grandson which is also classified Very Good.

One of these sons, Paganok Admiral Ormsby Dean 774212 (VG) was recently designated a Silver Medal Production Sire. He also misses the Silver Medal type requirement by one half of one percent with several yet to be classified that might put him over the mark for Gold Medal qualification.

CORTLAND ASS'N. GETS THIRD SIRE

After months of concentrated search for a young sire to go along with the two high-priced bulls preceding him in the Cortland (N.Y.) Bull Association, the "bull committee" of the Association has purchased Bond Haven Rag Apple Esquire. He is a ten-months-old son of Marksman and from Belle Dixie Mercedes 423591-C who has records of 1117 lbs. fat (3X) as an aged cow, and 408 (2X), 610 (2X), and 832 lbs. fat (3X) as a heifer. Belle has two daughters, one with 572 at 2y and the other with 571 lbs. fat at 4y, both 2X.

The famed $20,000 Glenafton Rag Apple Historian was the first bull in the Association and was followed by his $8,000 son, Hays Rag Apple Climax, who is still in service. Approximately 600 cows in Cortland County were serviced by these valuable animals in 1949, most of them owned in the herds of the Association's fifty members.

On January 3d the Association held a meeting at which Walter W. Burtis, Cortland, was reelected president. Other officers reelected were Clarence Harvey, Cincinnatus, vice president; Bernard Potter, Truxton, secretary; and Frank Wayle, McGraw, treasurer. Other directors are Frank Taylor, Richard Anderson, J. Richard Padgett, John Maxson and Fred VanSchaick. Members of the "bull committee" are Glenn Alexander and Robert Wilkins.

The bulls are well housed and cared for on the farm of Oliver Carley, Freetown, Cortland County, N. Y. Anyone desiring to see these sires may do so by driving to the Carley farm or by contacting a member of the association who will arrange a visit.

NOTES FROM BROAD ROCK

Broad Rock Farms, Prince Dale, R. I., report a good demand for breeding stock in January. Bull calves were sold to Henry Shepard of Stanley, N. Y., Reed Greenart of Ballston Spa, N. Y.; and a half interest in Baker Farm Maria's calf by Gracious Master was sold to Joseph Conto of Little Compton, R. I. Heifers were sold to Walter Pike of Afton, N. Y. and Willis S. Meade of Clyde, N. Y. Floyd Arzamarski of North Stonington purchased four heifers as a foundation for a pure bred herd he is starting.

Broad Rock Farms have recently received final credits from the AR department on the latest record of Dunloggin Mistress Ruth—29,037 milk and 868 lbs. fat. This brings her total in her last three lactations to 87,682 lbs. milk and 2,698 lbs. fat.

RAVENGLEN TO IOWA

Walter Woodyard and Son of Indianola, Iowa recently visited Ravenglen and selected a young bull to grow into a herd sire. Ravenglen has retained a half interest in the expectation of showing him next fall. The sire is Ravenglen Hartog Triune, 1st prize 2-year-old at Iowa State Fair last year, and son of their great "Senatora Triune" cow. The dam of the young bull is one of the top daughters of King Bessie Senator, now starting well on AR test. The Woodyards breed Spotted Poland China hogs as well as registered Holsteins, which were started a few years ago by the son in his 4-H Club work.

Ray Arnold reports that the export trade, which was almost at a standstill most of 1949, seems to be coming back strong again now.

RAVENGLEN SENATORA COLANTHA
Daughter of King Bessie Senator and dam of the young bull recently sold to Walter Woodyard & Son of Iowa.

STONE SELLS WINNER

James H. Stone, Marcellus, N. Y., reports the sale to Charles Stroh, Suffield, Conn. of Osbornedale Lochinvar Lucian 1065194, the young double grandson of Montvia Lochinvar, which did so well for him on the show circuit last fall. This was first prize junior bull calf at New York State Fair in a class of 27, and also won the bull calf class at the Cortland Fair in a class of 23. Jim says that the calf was still in show condition the morning of January 19 when he returned to his native state of Connecticut after a sojourn of eight months in Central New York.

Barron County Holsteins

Box 474 **Barron, Wisconsin**

CHEROKEE SIR HOMESTEAD

VERY GOOD GOLD MEDAL SON OF SIR ORMSBY FOBES DICTATOR

THE 17 DICTATOR DAUGHTERS IN THE MAY-TAG DISPERSAL SOLD FOR AN AVERAGE OF $1380.

Of thr 16 daughters of Cherokee Sir Homestead, in our herd, 9 have finished 4 lactations. The average of these 36 records:

319 ds. 13,330 M. 5.8% 513.2 F.

IN THEIR FIRST FOUR CONSECUTIVE LACTATIONS ON 2X HIR TEST THESE NINE UNSELECTED DAUGHTERS OF CHEROKEE SIR HOMESTEAD HAVE PRODUCED AN AVERAGE OF 2053 LBS. OF FAT.

A few sons from these cows available.

SCHUTZHOLM FARM

A. R. SCHUTZ & SONS **DALLAS, WIS.**

ANKER FOBES ADMIRAL

Silver Medal Production Sire

His first 13 unselected daughters in HIR average:
12,230 Milk 3.76% 460 Fat 2X.

His first 6 daughter-dam comparison in HIR-2X:

Daughters	ave.	12310 M.	3.89%	479 F.
Dams	ave.	11290 M.	3.57%	403 F.
Increase		+1020 M.	+.31%	+76 F.

His high daughter at 3 yrs., produced 628 fat, 2X and at 4 yrs., 459 fat, 12,591 M., first 239 days.
Anker Fobes Admiral sired the following winners at the 1949 Barron County Fair:
1st aged bull (Grand Champion), 1st get of sire, 1st produce of dam, 1st 3-yr.-old heifer, 2nd Sr. yearling heifer, 1st cow testing 3-year-old. Four of his offspring were members of our 1st Breeders' Herd. And the 1st 2-year-old heifer was his double granddaughter.
Our breeding program is rich in the blood of the Admirals and the Burkes. With this combination we feel we have—

The Kind That Must Pay in a Practical Way.
Farm located 18 miles NE of Rice Lake, on Country Trunk "C".

ANKER FARMS

RR. 1, RICE LAKE, WIS.

Midlane

THE "BACKBONE" OF OUR HERD—

Six daughters of

Don Duke Vale Ormsby 780059

HIR Records:

Midlane Maid Bess
6y 10m 2X 365d 16453 4.4% 727.1

Midlane Ormsby Bess
6y 3m 2X 325d 13868 3.9% 545.4

Midlane Ormsby Ollie
6y 4m 2X 305d 15456 4.5% 599.5

Midlane Vale Bess
6y 5m 2X 329d 16891 4.6% 773.0

Midlane Walker Ormsby
5y 5m 2X 339d 12719 4.6% 626.5

Midlane Vale Queen
2y 10m 2X 365d 9491 5.3% 504.6

VISITORS WELCOME

Midlane Farm

FREEMAN L. HANSON **CHETEK, WIS.**

ELDONON'S

Recent HIR Average—

19 Cows—2X—311 D

11,777 M. — 3.8% — 446.2 F.

50% were 2- and 3-year-olds, 20% 4-year-olds and only 30% mature cows. Nearly all produce a calf every 11 or 12 months. We fed only a 15% protein ration, no cow receiving more than 15 lbs. per day, along with mixed hay and corn silage. What would these cows produce at mature age on 3X milking, 18% protein rations with 3rd crop alfalfa and bred to freshen at 20 month intervals?

It's an "Ormsby" herd with the sires selected from outstanding transmitting families which has given us production, test, exceptional udders and all-round good type.

We are offering bulls from great cows and sired by proven sires who have increased production by as much as 196 lbs. fat on 16 comparisons! And at farmers' prices too.

Watch for important announcement next ad.

DONALD W. JOHNSON

RT. 4, **RICE LAKE, WIS.**

"The Crossroads of Breeding Power"

A Visit to Harden Farms

OR

What to Do When the Convention Comes

What will the convention-going members of the Holstein-Friesian Association of America do on Monday, June 5? Their fate was discussed at Harden Farms the other day and the WORLD junior reporter was privileged to sit in on the councils of the mighty—in this case the "mighty" consisting of—

Charles Harden, owner of Harden Farms, Camden, N. Y.;

Dr. E. S. Harrison, manager of Harden Farms;

Ruth Harrison, manager of Dr. E. S. Harrison;

Bob (Deacon) Doubleday, WSYR radio agricultural specialist, and convention publicity chairman;

Mrs. Bob Doubleday, best looking member of the Doubleday team;

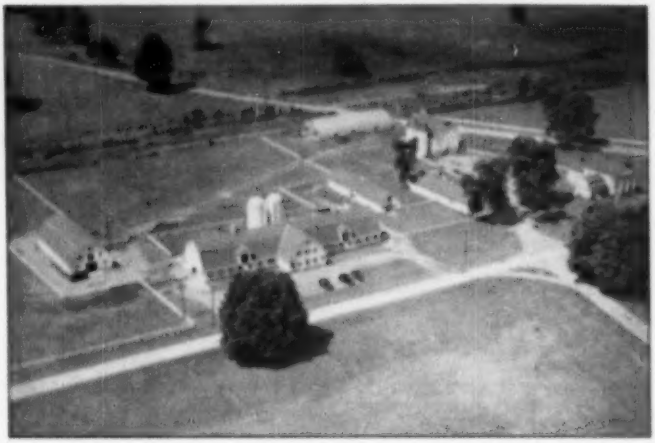
E. J. Keane, Syracuse, N. Y., bow-tied general chairman of the Convention Committee.

After considerable thought, a delicious dinner, and some conversation, details concerning the subject under consideration were well whipped.

On Monday, June 5, conventioneers are invited to attend a clam bake at Harden Farms with a showing of Harden Farms cattle. Transportation from Syracuse and return will be provided. In addition to the farm visit it is probable that arrangements will be made for the ladies interested to view the Harden Furniture factory at nearby McConnellsville—but that, in a way, is a separate subject.

What is there to see at Harden Farms? I asked Ed Harrison and he replied, "For a starter, we can show you one hundred and ninety-eight Holsteins." I didn't ask him anything more—I knew his 1949 DHIA average on 89 milking females was 605 lbs. fat, 16,381 lbs. milk, 2X and 3X milking; I knew also that daughters of the $15,000 Dunloggin Deen Var and the $10,500 Dunloggin King Var were helping to nudge that average up as they mature; furthermore I knew that Hickoryvale Moosie Canary is on display along with many distinguished stablemates—but a trip through the barns will settle some of the questions on what to see.

Dr. Harrison steered Ed Keane and me for a quick trip around the farm after the conference was finished. As we stepped into the main barn where the 3X'ers are kept, Ed Keane remarked, "What a perfect picture of contentment." The big stable was clean and quiet with the cows ruminating peacefully in their stalls and pens. Our advent disturbed not a one and, as Ed took us down the aisle, he would step in beside the cow we were inspecting, brush her off a little, and pass the word on her production, past and current—"Here's Knight Klick, she just finished with 846 fat after an operation. Just look at her udder."



Harden Farms from the Air.

Next we saw Harden Farms King's Queen—I remember her from her calf picture and she has developed into a big, broad beautiful cow. She made over 100 lbs. fat in December and 95 lbs. in January. She's had two calves and will take a lovely picture when Harry Strohmeyer comes up this spring. Another King daughter notable for udder and all 'round type is H F King Esteem, daughter of K A S Emily Dewdrop Supreme—she has two full sisters coming along and all are scheduled for pictures.

Harden Farms King Papoose is just drying off after making a 10-months record of 560 lbs. fat. And here's a daughter of Deen, H F Deen Rita, who will finish with 700 lbs. or better. Ed Keane and I remarked on the beautiful type and nice size of these heifers but Ed Harrison told us—"Our younger heifers coming along are better in size for their ages—when these older ones were yearlings we didn't have the pastures developed as we have now."

In the pens on the opposite side of the barn we saw Rengan Susie Fayne who made 139 lbs. fat in January as a 4-year-old. She's by a son of Dunloggin Progressor. Old Mary Ormsby Lassie has a pen to herself—her best record is 846 lbs. fat, and she's doing better now at 12 years of age. Lily Matador Princess we saw next, she has three over-700-lb. records and in her third month after having twins is milking 120 lbs. a day.

And special mention goes to "Old Alcartra"—Alcartra Bessie Ormsby Korndyke—with records of 901 and 927 lbs. fat and in 283 days now she has 806 lbs. fat. She made 84 lbs in January.

A beautiful cow is Rolling Knoll Mistress Triune, highest record daughter of Dunloggin Master Stroke. She has 864 lbs. at 6½ years and 911.9 lbs. at 8 years.

This is the way Ed takes us through the barn—a pause by one of the cows, Ed steps in to tap her to her feet, brushes her lovingly and tells us a little about her—then on to the next one. Ednachester Man-O-War Mary is doing quite well—in 165 days to date she has 577 lbs. fat, 13,130 lbs. milk. The Beacon Milling farm at Cayuga has her last son, Jim Stark down at Pawling, N. Y., has another—and what a cow she is! She made 125 lbs. fat in 30 days in September; 120 lbs. in October; 90 in November; 96 in December; 100 in January; after starting with 49 lbs. in 12 days in August. She was in the string at Eastern States this past fall but never got in the ring as she was down with shipping fever at the time. Born in 1942, she's just hitting her stride.

And Canary, Hickoryvale Moosie Canary, the "365-day cow" that always looks good. She had 806 lbs. fat at 4 years 5 months and then made 775 lbs. without being dry. Now milking 80 lbs. a day, she made 95 fat in January.

There are over 80 of these milkers, and we could keep this up all day, but must stop somewhere. However, just a word about Canary's dam, coming 10 years of age and looking like a 4-year-old. She's due in a couple of weeks to Deen. Ed

(Continued on page 114)

Here's A Bull Calf Worth Investigating!

Born October 11th, 1949. Outstanding in type with exceptionally good top line and rump. Light in color.

CANNIDEDALE LYN LORA MARGO (EX)

His dam (left) is an Excellent cow. She was a member of our 6th place Dairy Herd at Waterloo, 1949. Her first five records in DHIA average 445 lbs. fat, 3.45%, 2X, with a top record of 538 lbs. fat at 5 years. She has a full sister with 539 lbs. Her dam has 650 lbs.

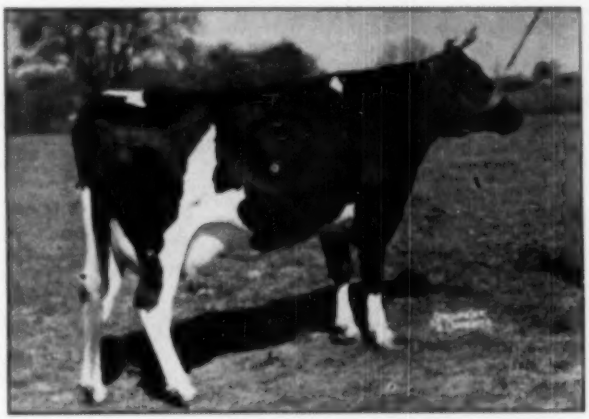
The sire of this calf is Admiral Fobes Jule, John Hetts' great son of Jule King Fobes from Queen Julianna Orms by Ace (son to mother mating), 827 fat, 4%, on 2X. He is the sire of Allen Hetts' Res. All-American senior yearling and his daughters are averaging right at 500 lbs. fat as 2-year-olds with close to 4% average test.

WRITE US FOR FULL DETAILS ABOUT THIS PROMISING CALF

CRESCENT BEAUTY HOLSTEINS

BEN DIBBLE — Pewaukee, Wis.

Offering "Var Ina's" Ideal Successor Son!



REX DUNLOGGIN VAR INA 2682634
(In the 20th month of lactation)
WRITE FOR DETAILS ON THIS UNUSUAL CALF!

"Var Ina" is the first daughter of Dunloggin Var to complete two records:

2-1 15862 4.3% 697.9 (cc 224d)
3-5 20761 4.3% 884.5

She has milked 43,656 lbs. with 1,877 lbs. fat in 30 months of continuous milking, and has just freshened with her third calf, the youngster by Raymondale Ideal Successor we are offering you here. Her sire, Dunloggin Var, Res. All-American Aged Bull, 1949, is by Lochinvar and from Dunloggin Adessic Belle.

This calf is a paternal brother to Montvic Lochinvar, Marksman, Chief and the other great Ideal Successor sons.

FOR-MAR FARMS

Flint, Michigan

F. K. MERKLEY, Owner
1021 North Saginaw
Flint, Michigan

GORDON SCOTT, Herdsman
5285 Davison Rd.,
Flint, Michigan

News of the Trade

A WINTERTHUR BULL SALE

Winterthur Farms, Winterthur, Del., announce the sale of a son of Winterthur Winner Pibot Alert out of a 500 lb. junior 2-year-old daughter of Victor, Silver Medal Production, Sire, to F. Hugh Long, Pocomoke City, Md.

Winterthur Victor Star Bajalo, dam of Mr. Long's bull, is a member of the "Ayle" family which has recently made the headlines with three daughters of one of the older cows completing over 800 lbs. fat on 2. The youngest of these is the Zajalo heifer who is National 305-day champion 2X at 3 years and recently completed 837 in 305 days and 860 fat in 340 days at 4 years of age. The well proven Taurus bull owned by Frank Decker and Bob Thompson and the Gold Medal Viscount owned by the Wisconsin Scientific Breeding Institute are also members of this same family.

Alert, sire of Mr. Long's bull has close up in two generations in his pedigree, the four first over 900 lb. cows on 2X milking. Four dams also have from 105-000 to 176,000 lbs. in a lifetime on 2X.

MENDOCINO BREEDING PROGRAM

One of the sires that has made an outstanding contribution to the great record of Mendocino State Hospital as the home of national champions is Mendocino Star 879747, shown in the accompanying illustration. Coming 8 years old in March he is already the sire of two national class leaders. These are Mendocino Annette Star (969.3 lbs. fat, 26940 lbs. milk, 3.6%) at 2 years 0 months, and Mendocino Naida Star (1072 lbs. fat, 23088 lbs. milk, 4.6%, at 3 years). Both records were made on 3X milking.

Mendocino Star is a son of Mendocino Megaphone (sire of 3 daughters that have made national records), and out of Mendocino Olga (948.2 lbs.). Interestingly his dam, his sire's dam and his sire's sire's dam are all daughters of King Triune Supreme Ormsby—the great Mendocino foundation sire.

Mendocino Star has a full sister, Mendocino Megola. She is shown in the accompanying picture, taken as a 3-year-old after dropping twins following completion of a 2-year-old record of 826.4 lbs. She came back at 4 yr 6 mo. with 1056.8 lbs. One of her sons is now in service in the herd of E. E. Freeman & Son, Modesto, Calif. Her last calf, a bull sired by her full brother, Mendocino Star, is being retained as a future herd sire at Mendocino.

They are also experimenting with an outcross young herd sire that carries three close crosses to Montvic Rag Apple Colantha Abbekerk (1263 lbs.), and also used to some extent the Liberator son of Marksman from Rocky Hill in the same family. These outcrosses are being watched with much interest.

TWO N. J. EXPERIMENT STATION SIRES MAKE GOLD MEDAL

Two of the foundation sires in the New Jersey Experiment Station high test breeding project are announced as additions to the Gold Medal sire list.

N J E S Sensation Charlot Conqueror 675525 (E) is the 126th Gold Medal proven sire. He qualified as the 111th Silver Medal type sire on the basis of 85 classified daughters, making an average score of 82.4. This represented 3% of his 161 eligible daughters and the required score for this percentage was 82%. His daughters comprise one Excellent, 19 Very Good, 45 Good Plus, 18 Good and two Fair.

On the production side, he became the 113th Silver Medal production sire; 77 daughters have completed records in Advanced Registry or Herd Test, and 45 of these have made records exceeding Advanced Registry requirements by 50% and with butterfat tests of not less than 3.5. Most famous daughter of this bull is N J E S Conqueror Dango Fashion (V.G.) with a yearly record in Herd Test of 904.5 lbs. fat.

N J E S Sensation Ormsby Bess Chief 675841 is the 127th Gold Medal proven sire. He won the type rating on the basis of 17 daughters classified with an average score of 85.5. These represented 41% of his 41 eligible daughters so that an 83 score was required for qualification. The daughters include one Excellent, seven Very Good, five Good Plus, three Good and one Fair.

Of his 25 daughters reported in Advanced Registry or Herd Test, 16 daughters have made records exceeding Advanced Registry requirements of 50% and with butterfat tests of not less than 5.5.

Both of these sires are sons of Ormsby Sensation 45th (V.G.—G.M.)

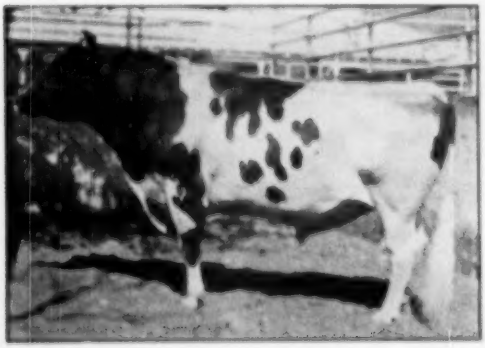
WOOD CO. BREEDERS MEET

Arthur O. Collentine, Prof. of Animal Husbandry, at the College of Agriculture, University of Wisconsin was principal speaker at a meeting held January 11 at Auburndale, Wis.

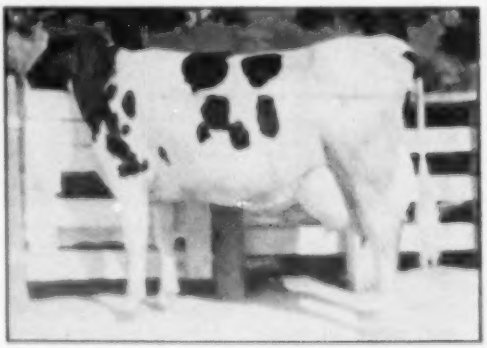
Charles Brace spoke briefly and introduced Dick Nelson, who had been appointed fieldman for the Southwest.

A report of the year's activities was given by the various committees, and the program for 1950 was planned. The sales committee is studying the possibility of holding a consignment sale of young stock especially for 4-H and F.F.A. project members.

About 45 persons attended the meeting, among them prominent Holstein breeders of Marathon, Clark and Wood Counties.



MENDOCINO STAR 879747
Senior herd sire at Mendocino State Hospital, Talmage, Calif.



MENDOCINO MEGOLA 2400401
At 4y 6m—1056.8 lbs. fat (3X) (Photo as a 3-year-old). A full sister of Mendocino Star, and dam of a future Mendocino herd sire.

NEWMONT ARISTOCRAT — Ex. - Gold Medal

The Dairymen Must Make Money First—"Aristocrat" Daughters Are Your Insurance

Below: All AR and HIR records of "Aristocrat" daughters, compared to their dams
(2X 305d - ME)

DAISY	V.G. 2 records ave. 14,383M 560.3F		Dam	V.G. 7 records ave. 16,524M 616.9F	
DOTTY	V.G. 2 records ave. 14,482M 622.3F		Dam	Same as above	
JACKIE	V.G. 2 records ave. 16,462M 677.6F		Dam	G.P. 3 records ave. 12,578M 430.7F	
JANIE	G.P. 1 record ave. 18,498M 578.2F		Dam	G.P. 2 records ave. 12,095M 364 F	
KRISTY	V.G. 1 record ave. 14,567M 550.5F		Dam	1 record ave. 12,815M 457.5F	
LILLIAN	G.P. 1 record ave. 14,578M 614.2F		Dam	G.P. 4 records ave. 15,880M 559.3F	
LIZZIE	V.G. 2 records ave. 14,914M 555.7F		Dam	V.G. 3 records ave. 14,467M 553.5F	
MARY ANN	G.P. 2 records ave. 15,076M 594.6F		Dam	G.P. 2 records ave. 14,367M 528.8F	
PATTY	V.G. 2 records ave. 15,878M 631.4F		Dam	G.P. 2 records ave. 17,630M 673.0F	
SEGIS MOLLY	G.P. 1 record ave. 15,854M 585.5F			No record	
TINA	G.P. 1 record ave. 14,988M 622.1F		Dam	G.P. 3 records ave. 14,046M 575 F	
LADY SPECKS	G.P. 1 record ave. 13,129M 491.0F		Dam	V.G. 3 records ave. 14,467M 555.5F	
LOLA	G.P. 1 record (268d) 11,745M 402. F		Dam	G.P. 1 record ave. 13,179M 427.6F	
PRUDENCE	G.P. 1 record ave. 14,555M 541.0F		Dam	V.G. 2 records ave. 17,820M 694.5F	
LOUISE	G.P. 1 record ave. 15,741M 537.9F		Dam	V.G. 3 records ave. 15,580M 559.5F	
SOPHIE	V.G. 1 record ave. 14,776M 567.0F		Dam	G.P. 1 record ave. 11,743M 424 F	
TRUDIE	G.P. 1 record ave. 16,756M 625 F		Dam	V.G. 5 records ave. 14,749M 579 F	
COTTONADE					
TRIXY	2 records ave. 9,278M 340 F		Dam	V.G. 5 records ave. 13,379M 445 F	
JANET	2 records ave. 10,098M 396 F		Dam	No record	

19 daughters	**Ave.**	**14,502M**	**3.8%**	**551.1F**
17 daughters	**Ave.**	**14,681M**	**3.8%**	**558 F**
17 dams	**Ave.**	**14,597M**	**3.65%**	**530 F**
Difference		**+84 M**	**+.17%**	**+27.8F**

SONS OF ARISTOCRAT AND 10th FOR SALE

Write for Pedigree and Bulletin of Aristocrat and Aristocrat 10th
ARTIFICIAL SERVICES TO ARISTOCRAT AND ARISTOCRAT 10TH
AVAILABLE AT $50.00
$50.00 Extra at Registration if Calf is a Bull

45th Artificial Breeding Association

Nichol Avenue — (Phone 2-7200) — NEW BRUNSWICK, NEW JERSEY
Orders for Semen Should be Placed at Least Two Weeks in Advance of Your Needs

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HARRY HARDEN

Harry Harden, 58, McConnellsville, N. Y., died very suddenly February 13 from a heart attack. He had not been ill at all. He was president of Frank S. Harden Co., long established furniture manufacturers, and a director of the Camden Wire Company, which is the owner of Harden Farms. Not as well known to the Holstein fraternity as his brother Charles, he was nevertheless much interested in the Harden Farms Holsteins.

CHANGES IN OFFICIAL PERSONNEL

The Holstein-Friesian Association of America announces two additions to the staff of inspectors for herd classification. Bill Weeks is now employed on a full time basis, and from work done at the inspector's school and conference held at Mansfield, Ohio in January, two new men were approved by the Rules Committee and will be recommended for permanent appointment at the next board meeting. These were Eugene Halbach of Watertown, Wisconsin, formerly manager of the well-known Clyman Farms and long recognized as a keen student of type; also L. H. McDaniel of Modesto, California who recently resigned as Fieldman in the California-Nevada-Arizona territory. McDaniel takes over the manager-partnership of an extensive dairy and hog ranch near Modesto, Calif. in association with the Boone-Hartwick Co. and his work as official inspector will be on a part-time basis as will that of Mr. Halbach.

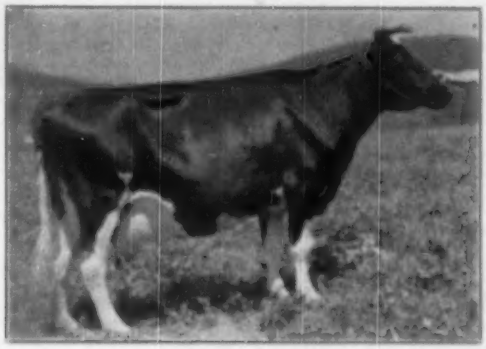
Succeeding Mac in the California-Nevada-Arizona territory will be Fred C. (Red) Voris, whose appointment is announced in the advertising space of the California Holstein-Friesian Association this week.

Red Voris is a graduate of California State Polytechnic College, has been a leader in college activities during his under-graduate years, being president of the Dairy Club of the college and for the past two years on the dairy cattle judging team competing at Portland and Waterloo. During his summer vacations he has had experience working on a number of prominent Holstein farms of California including Rocky Hill and Kidd Farms, and also helped prepare the Fame Farm herd for the sale in the summer of 1947. He comes to his new job with the highest of recommendations.

GREAT RECORD STARTING

From Bellwood Farms, Damascus, Ohio comes word of a great record starting off on Golden Rag Apple Pearl 2349221 (E). Fresh in early December, a month later she had gotten up to over 114 lbs. She is a high testing cow, making in the previous year 825 lbs. with a 4.3 test on 3X, following a senior three-year-old record on 2X of 800.5 lbs. with a 4.8 test. She also tested 4.5 as a two-year-old on 2X when she made 589.7 lbs. fat. She is a daughter of Lauxmont Rag Apple Della and Don Phillips purchased her several years ago in one of the Wolverine Classic events.

Another of Our Old Ladies



CORA ORMSBY DUPLICATE (E)
7y 365d 5X 18547.4 4.0% 750.6
Many times a grand champion.

THREE OF HER OFFSPRING

MALLARY FARM POSCH CATHERINE (G.P.)
5y 365d 3X 21041 3.7% 802.9

MALLARY FARM CHALLENGER (VG)
Full brother to Catherine.

MALLARY FARM R. A. TRIUMPH CORALIE
Blue ribbon winner at 4 shows, 1948.

The Challenger daughters will prove him a prepotent sire for high production, high test, and extreme dairy character. The first two to complete A. R. records qualified for the Honor List. One of these, again in milk, has required an automatic retest for three months now.

Another of Cora's daughters, full sister to Coralie, was fifth prize heifer calf at Eastern States Exposition last fall, and winner at several other shows. Three full sons from Cora by Master also are making their mark, two as sires in good New England herds, the other a high-producing three-year-old herd. She too was shown as a yearling and won at Rutland and stood fourth at Eastern States.

Cora will be seventeen in May. She is due to the service of TRIUMPH in March. We hope for a third full sister, but if she has a son he will have an exceptional prediction as a probable sire of type, production, test and longevity.

MALLARY FARM

Bradford, Vermont

Mr. and Mrs. R. DeWitt Mallary
Owners

Ralph A. Pillsbury
Superintendent

Walk Brothers and "Robin"

Prolific Illinois Cow Responsible For PBR Award To Owners

The state of Illinois has always boasted of some great Black and White breeding institutions. Even so, when you get into this state you will find that the conversation among Holstein breeders will turn sooner or later to some mention of the small but choice downstate herd of the Walk Brothers near Neoga, and eventually to the "Robin" family there. "Robin" is the barn name for the eleven-year-old foundation cow, Rag Apple Ladoga Echo Peep, a Very Good daughter of Illini Iladoga Fobes Prince who was a 645-pound sire bred in the University herd.

Purchased by the Walks as a two-year-old in 1941 "Robin" has produced a calf every year since, has been on DHIA test continuously averaging 632 pounds of fat with a 4.5 test, three of her records over 700 of fat, all on 2X milking. She is the dam of two Very Good and one Good daughter, their records, 724,627 and 600 of fat; she has an Excellent granddaughter and 24 female offspring in all in the Walk herd. And one of her sons, Walkway Chieftain Illini Prince, is now in service in the Northern Illinois Breeding Cooperative. These "Robin" descendants won at the 1949 Southern Illinois District Show ten firsts, grand champion cow, junior champion on a daughter of the senior champion, first produce of dam; and they contributed to the winning senior and junior gets and breeders' herd, placing over the junior get that later won first at the state fair. All of which is quite a record for any one cow to make.

"Robin" was not the first purebred animal of the Walks. Nearly twenty years ago Adolph Walk who passed away in 1940 purchased five heifer calves and the increase from these calves was the herd that the sons, Foster and Maurice, took over on the death of their father. Both sons are now married and, while the herd goes under the name of Walk Brothers, the Holsteins are all kept on the farm of Foster while Maurice, on another farm three miles away, feeds out 150 to 200 head of cattle and has around 50 Hampshire sows.

The Walk boys in their early planning had the advice and suggestions of such men as Professor C. S. Rhode of the state agricultural school. It was at Rhode's suggestion that they placed in service in 1942 a young son of Montvic Chieftain 10th, Model Bessie Montvic Chieftain. This proved a fortunate choice. Of his thirteen daughters now classified, one daughter of Model is Excellent, four are Very Good, six Good Plus, and two Good. His production increase is as good, eight dams averaging 459 of fat, and the daughters 541 of fat. This sire classified Very Good himself at three years, saw two years' service in the University herd and some service in the Mamonecr Brothers' herd at Teutopolis, Illinois. After a return engagement at the Walk herd he went to Otto Arnold of Shumway from where the Northern Illinois Co-op. took him for service in their stud at Dundee. There he joined one of his VG sons, Walkway Chieftain Illini Prince whose dam is none other than the "Robin" cow herself.

To get back to "Robin" there are now three of her daughters in the herd, two, unfortunately, having been lost just recently. "Vera", V.G., the oldest, has an average of over 500 of fat for five lactations, 4.2%, with a high of 627. "Rosie", Good, her highest producing daughter, has an average of 608 of fat with a high of 724 pounds, she was lost from an attack of milk fever. A third daughter, "Rosie", Very Good, had just finished a 600-pound fat record in HIR when she died from hardware. A two-year-old daughter, "Raven", has made 198 pounds of fat in her first 98 days on test. "Robin's" last daughter is just a baby sired by the Model bull.

"Viola", daughter of "Vera" and of the Model bull, is the Excellent granddaughter of "Robin". She was the grand champion at the district show, dam of the junior champion and of the first three-year-old. Her average production is 450 of fat for her first three lactations; she has four daughters and four granddaughters in the herd. "Vera", Very Good, is another daughter of "Vera" with 544 of fat as a two-year-old. "V-E" and "V-J" are twin daughters of "Viola", each classified Good Plus at two years, and made 405 and 479 of fat with 4 per cent test. These twins, incidentally, are great granddaughters of old "Robin" and double granddaughters of the Model bull. There are now five generations of milking females in the herd.

RAG APPLE LADOGA ECHO PEEP (VG)

She is "Robin" of the Walk Brothers of Neoga, Ill. Their foundation cow, she has 3 records over 700 of fat and heads 5 generations of milking females.

Besides the Model bull the Walks have used his son out of "Robin", a son of the proven Oak Bend King Bess Perfection, Clanyard Chieftain King Ruppert, by name; also sons of "Vera" and of "Marion". The latter cow is Pearl Marion Ormsby, Very Good, tracing back to the Pearls at Howard's of Dundee; she had an average of over 600 of fat for her first six records, had two sons proven and one of them is in the Kentucky Artificial Breeding Association. A number of the Walk cows are now bred artificially to the Excellent proven Prilly Sensation Pride at the Dundee stud.

The Walk herd has been on continuous DHIA test for the past 15 years, starting with an average of 237 pounds of fat

FOSTER (left) AND MAURICE WALK

These are the Walk Brothers of Neoga, Ill., who have become the fourth Progressive Breeders in the state and have built the "Robin" family with 3 generations of milking females from this 11-year-old foundation cow.

CHILDREN OF FOSTER WALK

Jo Ann—6, Thomas—5, Janice—4, Bernard—2, Stephen Foster—2 months.

with a test of 3.3 and advancing in both production and test until the last five years' average is 505 of fat with an average test of 3.9. The first year of HIR testing was completed last October resulting in the Progressive Breeder Award—the fourth certificate to be given in the state. Seventeen cows made the good average of 462.8 pounds of fat, 3.9 per cent, 11,857 pounds of milk.

The Walks have not had all beginner's luck, however, for two cows purchased in the early '40s died freshening, also their calves. Before that the boys had a run of shipping fever in their herd, the same year that the crops were a failure and their one good cow had nothing but bull calves.

The Foster Walks have a delightful family of five children, the oldest seven. Foster's wife says, "the evenings that Foster isn't sitting up waiting for a cow to freshen he's attending a meeting". Since he is president of the Effingham DHIA, president of the district B & W Show, member of the Advisory Council of the Ag Department of the local high school, a G. I. instructor (one night a week), an officer of the Neoga Chamber of Commerce and secretary of the Sigel Fire Department he has plenty of outside activities. Mrs. Walk continues, "life for him is about all business though he does love to dance, play pinochle and visit friends, mostly dairymen, and talk cows".

The present high standard of the Walk herd has been brought about by adhering to a rigid culling program. Most of the cows are bred for fall freshening, pasture is considered one of the most important factors in their feeding program, mostly legume, with legume hay, plenty of corn silage and a well-balanced ration of home-grown grains fed according to production. The herd is kept under strictly farm conditions and milked only twice daily.

The Walk boys are continually striving for improvement in both type and production. Professor Rhode says, "If anyone is in doubt as to the results that may be secured on a practical dairy farm carefully following a long time testing, breeding and feeding program, they should visit the Walk Brothers' herd at Neoga where one may see one of the outstanding breeding Holstein herds in the country".

—Fay Barney

RAG APPLE SYLVIUS BONHEUR (VG)
She is "Vera" the oldest daughter of "Robin", with an average of over 500 pounds of fat for first 5 lactations, testing 4.2%.

WALKWAY CHIEFTAIN VIOLA (EX)
Daughter of "Vera", averaged 450 fat 1st 3 lactations, grandchampion at Southern Illinois District Show, dam of the junior champion and of 1st prize 3-year-old.

SANILAC CO. (MICH.) DIRECTORS MEET

The directors of Sanilac County Holstein-Friesian Association recently met and set the date of April 21 for the 7th Annual Sanilac County Sale to be held at Sandusky, Mich. About 50 head will be consigned and eight 4-H and FFA project bulls of service age will be included in the offering. Association directors will serve as the sale committee and include President Roy Poth, Brown City; Vice President Arnold Miller, Secretary-Treasurer Earl Warner, Russel Campbell, Orla Pritchett, all of Sandusky; George Brown, Croswell; Frank Merriman, Deckerville; Elmer Chapman, Decker and Wesley Mahaffey, Marlette.

The Jonabell Herd

The Utmost in Quality Holsteins

A DAUGHTER of GOLD

JONABELL GOLD PRINCESS
3y 8m 305d 2X 11,441 M. 3.5% 404.4 F
4y 6m 305d 2X 12,687 M. 3.7% 473.1 F

She is one of our representative daughters of Jonabell Gold, most of which started off with at least 400 lbs. fat as 2-yr.-olds on 2X, and are now coming back with second calf records above 500 lbs. fat.

The dam of Gold Princess is Jonabell Colleen, one of our older Doubler daughters.

GOLD PRINCESS has two daughters by Solid Gold, one soon due with first calf, bred to Sculptor (son of Solid Gold and First Lady).

The other, a year old last November, is about ready to breed to Citation (son of One I Love by Jonabell Sun).

Her records are nothing sensational — just the good farmer-style 2X Calf-every-year records that are our specialty here at Jonabell. Cows like this, backed by our dependable blood lines, are the profitable kind.

Write Us or Visit Us Any Time

JOHN A. BELL, Jr.

Oliver Bldg.,
Pittsburgh, Pa.

JONABELL IS LOCATED NEAR SEWICKLEY, PA.

AT THE EXPOSITION GROUNDS

65 Head from 11 Different States

THIS IS THE FINEST OFFERING OF BRED HEIFERS, HIGH PRODUCING COWS AND HERD SIRES EVER OFFERED IN THE SOUTHWEST. SUCH QUALITY IS NOT OFTEN FOUND AND VERY SELDOM FOR SALE.

Two Thirds of the Sale Offering Consists of Bred and Fresh Heifers

SONS OF:

HALLROSE HAZEL LAD (EX)
CARNATION CREAMELLE SUPERB (GM)
CARNATION COUNT (GM)
CRESCENT BEAUTY ADMIRAL (VG)
(First aged bull Colo. State Fair, 1949)
PABST BURKE TRITOMIA (VG)
GREEN MEADOW CONSTELLATION
(Show son of Sovereign)
JULE KING ADMIRAL (VG)
QUIN-DALE TRIUNE SMOKY JOE (EX)

DAUGHTERS OF:

PABST ROAMER (E-GM)
CARNATION COUNT (GM)
PABST BURKE BREEZE
CRESCENT BEAUTY ADMIRAL (VG)
CLYDE HILL ELSIE TIDY LAD, (VG-SM Type Sire)
CRESCENT BEAUTY TYPESETTER
(Maternal Brother to Gloria)
TRIUNE FOBES MECHTHILDE (EX)
BROWNS MARKMASTER POSCH
(VG- Son of Corrine)
HALLROSE PROGRESSOR (E-GM)
CARNATION REVELATION
CARNATION MADCAP MAXIMUM (VG)
JULE KING ADMIRAL (VG)
PABST BURKE TRITOMIA (VG)
CARNATION GOVERNOR SUPRIDE (VG)
ROCKWOOD RAG APPLE REMUS
MEIERKORD TRIUNE SUPREME INKA
(Silver Medal)

Sale headquarters — the Hotel Tulsa — 100 rooms have been reserved for those attending the sale. Make your reservations early and inform the management you will attend the sale.

The sale catalogs will be ready ten (10) days before the sale and will be sent by first class mail at 50c per copy — write,
C. O. ABERCROMBIE, BOX 69, VINITA, OKLA.

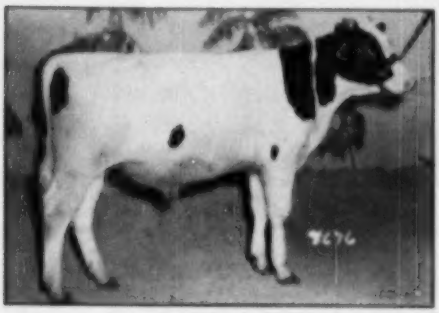
Oklahoma Welcomes You!!

MONDAY — MARCH 13

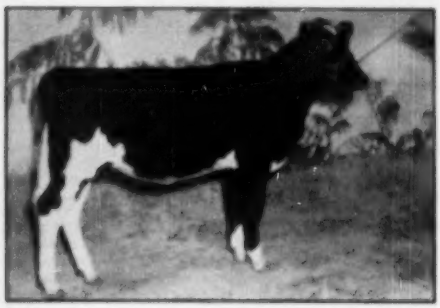
Spring comes early to Oklahoma and the weather is usually delightful at this time of the year. Attend the sale and at the same time see the Junior Livestock Show and the Holstein Show — a major event — **Holsteins judged by A. C. (Whitie) Thomson, on Saturday, March 11.**

All animals TB and Bang's tested. Mail or wire bids to C. B. Smith, Auctioneer; Richard Nelson, Holstein Fieldman; Raymond Appleman, Pedigree Man; Robert W. Adams, and C. O. Abercromble, Sales Managers. All care of Tulsa Livestock Exposition.

— SALE STARTS 11 A. M. — EXPOSITION GROUNDS—



CARNATION SUPERMAN



E. T. 5880

E. T. 5856

See What Carnation's Sending

Carnation Superman

Here is one of the best bulls ever to leave Carnation. He is from a 962-lb. dam. He is maternal brother to a Reserve All-American heifer calf. A maternal sister sold in the 1949 National Convention Sale to $2,000, highest priced open heifer in the sale. His sire is a maternal brother to Carnation Black Magic. His 5 nearest dams average 1021 pounds of fat, and his entire pedigree is Hazelwood. Add to all this the fact that he is of outstanding type and you have one of the best bulls ever offered in any sale.

Daughter of Hallrose Progressor (Ex. G. M.)

Born July, 1949, she is just right to show as a heifer calf in this year's shows. She is from a 996-pound daughter of Carnation Peerless, next dam a 1000-pound daughter of Matador Segis Ormsby from a 1000-pound daughter of Sir Inka May. Her sire, Hallrose Progressor, Excellent and Gold Medal, is one of the breed's most popular sires today. Look for this heifer — she is tops.

Daughter of Carnation Homestead Revelation

This heifer born 4-14-49, is a nice straight, typy individual. She shows as a junior yearling this year. She is from Carnation's great son of Governor of Carnation that has been in such heavy service for them. His first daughters are milking 75 lbs. a day as 2-year-olds. Bred to be a great heifer she represents the best of Carnation blood.

See Following Pages →

Tulsa Exposition Spring

CRESCENT BEAUTY ADMIRAL
Son and 2 daughters selling.
A SON SELLS

From Colorado

BURT CHRISMAN, Littleton sends a son and two daughters of **Crescent Beauty Admiral,** VG, first aged bull at the 1949 Colorado State Fair. The son is from a Colorado state record 2-year-old—he was born 1-6-49, a show calf that will be hard to beat. One of the daughters of the Admiral bull is from a famous 14-year old Chrisman brood cow with 683 pound life time average. This is a real consignment from Colorado's great herd.

CARNATION CREAMELLE SUPERB (GM)
THIS ROAMER DAUGHTER SELLS

From Texas

THE NEALE FARMS, Waco, sends a son of, the great Gold Medal sire, **Carnation Creamelle Superb.** This one is from a 650 pound dam, a nice type individual. He intensifies the blood that has made the Neale Farms famous. Great show winnings, production and high test are behind this calf.

JOE HALES, Amarillo, consigns a nice junior yearling heifer sired by **Quin-Dale Triune Harmony,** full brother to Quentin Kubin's famous Marietta show heifer, and brother to the group nominated for All-American Get, 1949. The dam of this heifer selling has a 480 pound A. R. record.

From Kansas

SPRINGBROOK PABST ROAMER GERTIE
HIS SON SELLS

GROVER MEYER, Springbrook Herd, Basehor sends this lovely daughter of Pabst Roamer—Ex—GM. Her dam has 100% the same breeding as this year's All-American 2-year-old heifer. She represents the very best in Clyde Hill and Pabst breeding. Had she been a bull, she would have been the herd sire in one of Kansas' best herds.

RAYMOND BOLLMAN, Edna—a nice heifer from a "Very Good" cow with an Excellent full sister. She is bred to a son of Dunloggin Lochinvar Prince the noted sire at Elmwood.

WILBUR SLOAN, Cleveland—an extra nice "Good Plus" cow due at sale time. A real udder and producer.

QUENTIN KUBIN, McPherson a son of **Quin-Dale Triune Smoky Joe** (below) nominated for All-Am. 3-yr-old, '48, his daughters testing over 4%. Also a 5 year old cow with a great udder due at sale time.

ST. JOSEPH'S HOME, Abilene—an extra nice heifer from their son of Browns Mistress Corrine, grand at Indianapolis 1949.

R. C. BEEZLEY & SON, Girard—a son and two daughters of Pabst Burke Tritomia (at right) their VG son of Burke. The son is from the highest record daughter—Lou Ormsby Lad—2 records over 700#. One daughter selling should make over 600 of fat, the other a bred heifer from another Lad daughter.

MOTT & KANDT, Herington, a three year old heifer bred to freshen at sale time to Pioneer Rag Apple Barron, son of the renowned Montvic Pathfinder.

ABRAM THUT, Clearwater—a nice pair of twin heifers from a son of the Ex. GM. sire, Posch Ormsby Fobes 14th. He is also sending a show heifer of Rag Apple breeding.

TWO DAUGHTERS AND A SON SELL

QUIN-DALE TRIUNE SMOKY JOE (EX)
All-Kans. 3-yr-old 1947

PABST BURKE TRITOMIA (V.G.)
One of the great sons of Burke.

Classic — March 13 .

— SELLING —

CLARKDALE PRIDE POSCH
Junior Champion Ill. State Fair, 1949.

— A DAUGHTER SELLS —

PABST BURKE BREEZE
19460 son of Wis. Adm. Burke Lad

From Michigan

C. B. SMITH, Williamston—three top females all bred to freshen at sale time including Clarkdale Pride Posch, Junior Champion at the 1949 Illinois State Fair, will be fresh by sale time. Also a 4-year-old daughter of Montvic R. A. Churchill and a 5-year-old daughter of Simon War Dance.

GREEN MEADOW FARMS, Elsie—sends a son of **Green Meadow Constellation** their great show son of Sovereign, the dam of this bull is a daughter of Pabst Burke Dandy with 450F, 305d-2X. Also three real dairy cows all of them entered in the show.

RAY ULLMANN, Ravalum Farms, Detroit—an extra nice daughter of the 59400 Pabst Burke Breeze that has just finished a 600-lb. 3-yr.-old record, due right after the sale to the service of her own sire.

From Iowa

I. P. (MIKE) Stewart, Maynard is sending a three year old show cow that looks great for this year's shows. Be sure to see her in the show and at the sale.

NELSON & DONALD REHDER, Gladbrook—a big black 6 year old cow that will stand a lot of showing. She is bred to Pabst Burke Pieba Tritomia, one of the coming young sons of Burke and one of the top bulls in Iowa. Also a junior yearling show prospect—Rehder Brothers won the female junior championship last year.

From Nebraska

ELM GROVE FARMS OF DR. SNAVELY, North Platte—Three daughters of the VG **Carnation Governor Supride**, all from dams over 500 of fat, one of them bred to the Gold Medal sire, Carnation Count. The best in Carnation-Hazelwood breeding.

SUNNYSLOPE FARMS OF R. H. JANDEBEUR, North Platte, 5 daughters and a son of the GM Carnation Count, also a daughter of the VG **Carn. Sunnyslope Imperial**. One of the Count daughters shown below.

SON & FOUR DAUGHTERS SELLING

CARNATION COUNT
Gold Medal — VG — from a 1245 lb. daughter of Governor.

TWO GRANDDAUGHTERS SELLING

ABBEKERK SENSATION SUELDA
7y 623F 17662 M.
Classified VG.

SHE SELLS

SUNSLOPE MARY JANE
A daughter of GM Carn. Count. Her dam 3 records over 500 F w/ 2X.

SEE FOLLOWING PAGES ⊙→

Tulsa Exposition Spring

. . . From Oklahoma . . .

FLOYD PRUDEN, Altus—A VG cow that was first aged cow at the 1949 Oklahoma shows and 2nd prize at Missouri State Fair, 1948, as well as 1st so best sister class. She has an A. R. record of 637 lbs. fat. Floyd also sends a very four year old and her yearling sire.

OKLAHOMA A & M COLLEGE, Stillwater finally consented to part with the first place junior yearling heifer at the Sooner State Dairy Show of 1949. She is sired by Pabst Sir Belmont Bess (son of Pabst Belmont Creator) his first 6 daughters averaging 555 pounds of fat.

EASTERN OKLAHOMA STATE HOSPITAL, Vinita—three 2 year old daughters of the Silver Medal Type sire, Meierhord Triune Supreme Inka. They are nice and breed to be great cows.

O. S. DAVIDSON, Sperry, a show heifer by his 1259 lb. sire, Rockwood Rag Apple Remus, she is from a 4*, dam. This is one of "Ote's" best.

JOHN J. STEWARD, Edmond—A bred heifer from John's good herd—she is big—straight—nice. John had one of the top yearlings in last year's sale.

TONY MORROW, Norman—Sends one of his Oklahoma state record cows. She is due to freshen right after the sale, a real producer. Tony had 5 state leaders last year.

ADAMS ACRES, Broken Arrow—A 2 year old show heifer from a 650 lb. dam. Also two Crewest Beauty bred heifers.

JOHN R. WEBB, Tecumseh—A big straight heifer due at sale time, has been a consistent winner in Okla. shows.

D. H. GRISHAM, Amber—A show cow of straight Triune breeding. Jr. Champion Tulsa state fair, 1947—see this one.

. . . From Missouri . . .

BARNARD RAMONA PERFECT BUSTER
All-American 2-yr.-old of 1949

ARTHUR HARTMAN, Barnard sends a bred heifer of the same breeding as his famous All-American two year old, Barnard Ramona Perfect Buster. This heifer is from one of his greatest producing brood cows with 5 records over 700 lbs., 2X. One of her granddaughters sold in the Kansas City Convention sale for $2,000. Arthur hated to let this one go.

HOOSIER HILL FARM, Urbana (Mr. and Mrs. John N. Abrudan) sends a good type two year old bred heifer. She combines the Posch and Rag Apple bloodlines of this good Missouri herd.

A DAUGHTER SELLS

CLYDE HILL ELSIE TIDY LAD
Very Good-Silver Medal Type sire. Son of Elsie Zuba Rock River. His dam and her full sister, granddam all Excellent.

CLYDE HILL FARMS, Clyde send a daughter of the VG Silver Medal Type sire, Clyde Hill Elsie Tidy Lad. She has a 500 pound 4 year old record, is classified Good Plus, right from the heart of the great Clyde Hill herd.

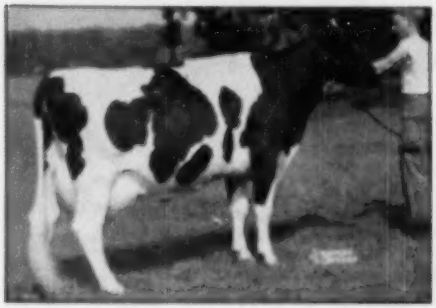
She traces to 3 Gold Medal sires and 5 Silver Medal Sires and also has 9 Excellent ancestors.

She will freshen right after the sale to the service of "Junior," the Excellent son of Zuba (Ex).

Attend the Holstein Show - Saturday March 11 —

Classic — March 13

HER DAUGHTER SELLS



PEBBLE BEACH PLO (Ex)

Fat	361d	by	788.8
Milk	23X-9.0%		20240.0

Her Daughter Should Be One of the Tops of the Sale

. . From Illinois . .

HICKORY CREEK, West McHenry—a daughter of the Excellent cow pictured at the left by **Jule King Admiral** and a son of their Excellent herd sire, **Hallmoe Hazel Lad**. The heifer was born 3-6-49 and she is by the same sire as "Gloria", the 1949 All-American 3-year-old. The dam, "Fbs" is classified Excellent with a splendid list of records up to 788 of fat.

The bull was born last August, is from Tulane Nancy Belmont, 738 fat, 4%, at 4 years, now making another record milking over 100 lbs. a day.

CORNELL FARMS, Winfield sends an exceptionally nice type heifer sired by Triune Fobes Mechthilde, Excellent proven sire, whose daughters increased fat 47 lbs. on 502 lb. dams. She is from a VG dam with 618 lbs. of fat.

MOOSEHEART FARMS, Mooseheart—a senior yearling daughter of Mooseheart Prince whose three nearest dams average 948 lbs. fat, son of Dunloggin Lochinvar Prince. She will be bred to the Res. All-American senior yearling bull of 1949, Pabst Sir Roburke Rag Apple.

. . . From Wisconsin . . .

PIPER BROTHERS, Watertown send a daughter of the VG Carnation Madcap Maximum from a daughter of the show bull, Strathmore Prince Hengerveld (Ex.) Her dam has 802 F. at 5 yrs., next dam 655 F.

JOHN HETTS, Ft. Atkinson—a daughter of Jule King Admiral (Gloria's sire). She shows as a junior yearling this year. Watch her—John Hetts never bred a better one.

ALLEN HETTS, Ft. Atkinson—Right from the heart of Allen Hetts' herd comes a beautiful junior yearling heifer. Her dam is a 500 lb. daughter of Jule King Fobes and she is sired by the intensely bred Crescent Beauty Typesetter—maternal brother to "Gloria."

A DAUGHTER SELLS

CARNATION MADCAP MAXIM
Son of Governor of Carnation his 7 nearest dams average 1139 lbs. fat.

SON AND DAUGHTER SELLS

JULE KING ADMIRAL (VG)
Sire of the 1949 All-Am. 3-year old, Cr. Beauty Lady Gloria. Daughters are testing around 4%.

HER DAUGHTER SELLS

CRESCENT BEAUTY JULE JOY (VG)
A daughter of Jule King Fobes with 500 lbs. of fat—her daughter by "Typesetter" sells.

A. C. OOSTERHUIS, Oconomowoc contributes an August heifer calf sired by a son of the twice All-American, Tilla Man-O-War, her dam a 2-year-old daughter of an Excellent cow.

Sale Headquarters — Hotel Tulsa.

Catalogs Ready 10 Days Before the Sale — Will Be Sent By First-Class Mail At 50c Per Copy. Write— C. O. Abercrombie, Box 69, Vinita, Oklahoma.

Sale Starts 11 A. M. — Auctioneer — C. B. Smith

See Following Pages →

TO THE *Tulsa Spring Classic*

"ZUBA"

A FOUR YEAR OLD DAUGHTER OF

CLYDE HILL ELSIE TIDY LAD - (V G - Sil. Med.)

She is:

CLYDE HILL NIGRA SHADYBROOK LAD

2y 1m	365 D.	13661 M.	5.8%	515.9 F.
3y 1m	301 D.	12700 M.	5.9%	697.5 F.

SHE IS DUE RIGHT AFTER THE SALE TO SERVICES OF "JUNIOR" (CLYDE HILL KING FOBES PIEBE EX) AND THE RESULTING CALF WILL HAVE TWO CROSSES TO OLD ZUBA AND THREE TO THE GOLD MEDAL, ROCK RIVER HENGERVELD AL.

"Lad" Nigra's sire, is now being proven for production sire. (he is now Silver Medal Type sire). His maternal sister, his dam, her full sister and 2 full brothers, his granddam and grandsire, all classified Excellent. His 7 tested daughters ave.: 544.5 fat, five of them first calf heifers.

The dam of Nigra is Shadybrook, a VG Rock daughter from Alma, VG, one of the long lifetime producers, granddaughter of Mar. B. B. 14th. Alma is over 15 years old and still going strong. Of her four paternal sisters rated Excellent, two are over 17 years old. Alma's sire, U. S. B. B. Princess Della De Kol, Silver Medal Production sire, lived to be 15 years old.

Nigra's 20 classified ancestors score 88.75 points. This includes her sire's "E" maternal sister, her paternal granddam's "E" full sister, two "E" full brothers and one VG full brother, Silver Medal Type sire. Also includes her dam's two VG full sisters and GP full sister. Nigra traces to three Gold Medal sires, five Silver Medal sires and 8 Excellents appear in her pedigree.

. . . Her calf (by Junior) will have 28 classified ancestors with a score of 88.93 points with 14 Excellents, tracing four times to GM sires and to five Silver Medal sires.

On our last classification Junior's oldest daughter, C. H. Roxina Maid Fobes, was made Excellent. She made a junior four year old record of 746.8 fat, 3.8%. This gives us 9 Excellents, 29 Very Good, 14 Good Plus and two Good for an average of 86.7 points. The calf that Nigra is carrying will be a half brother or sister to Roxina.

Zuba is believed to head the only three generations of Excellent 100,000 pound cows. Further she is believed to be the only Excellent cow of the breed with four Excellent offspring, two sons and two daughters, the daughters, Elsie and Fanny with over 160,000 and 191,000 life records. One of the third generation, Queen, now has 811 of fat.

PROGRESSIVE BREEDER HERD 8 YEARS

ALL TIME NATIONAL RECORD — 7X (51-50 Cows) 598.4 lbs.

CLYDE HILL FARMS

CLYDE, MISSOURI

HIS SON SELLS

GREEN MEADOW CONSTELLATION (VG)
Son of Monitvie R. A. Sovereign from Lorenbelle Doreen Posch with 5,674.6 lbs. of fat in 7 lactations.

Representing Green Meadow Farms

at the TULSA CLASSIC — MARCH 13

NO. 1—Green Meadow Rag Apple Burke

AN EXTRA NICE SON OF GREEN MEADOW CONSTELLATION READY FOR SERVICE . . . THE FIRST SON OF CONSTELLATION EVER SOLD AT PUBLIC SALE.

The Constellation daughters are really going to town. He will have at least 100 pounds plus proof on his first eight daughters.

The dam of Green Meadow Rag Apple Burke is a mighty fine daughter of Pabst Burke Dandy (one of the best sons of Burke). She has over 450 lbs. fat, 3.6%, 305 days as a jr. 2-year-old, 2X, and by the way she has developed this past year you can expect a real record from her as a jr. 3-yr-old. She is one of our top cows in a herd of good cows. Her dam has 522 lbs. in DHIA. **See this bull at the show and at the sale.**

NO. 2—3—4

THREE REAL DAIRY COWS—JUST FRESH OR DUE SOON. We are sending these three cows down so you folks of the southwest can see for yourselves the kind of registered Holsteins we are selling here at Green Meadow Farms.

These cows will show in both the cow classes and as a dairy herd. You can buy them at the sale after the show.

Duane Green will be with our cattle, both at the exposition show and at the sale. He will be very happy to meet you people!

Green Meadow Farms

Elsie, Michigan

"Where The Latch String Is Always Out"

Sunnyslope Farms Consigns 5 Tops

to TULSA SPRING CLASSIC SALE

MARCH 13

4 HEAD ARE SIRED

BY OUR GOLD MEDAL SIRE

← CARNATION COUNT—"V. G."

CARNATION SUNNYSLOPE IMPERIAL (VG)
A yearling daughter sells.

AND A YEARLING DAUGHTER OF THIS PROVEN ← SIRE

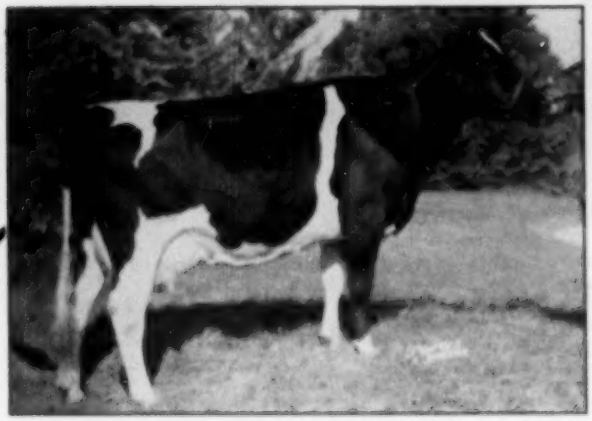
They are tops in Carnation Bloodlines
Outstanding for **TYPE . . . PRODUCTION . . . TEST**
You have heard a lot about our fine Holsteins and now you can
See and Buy these great individuals at your own price March 13th at Tulsa.

Sunnyslope Farm—North Platte, Neb.

"A Breeding Farm With a Breeding Program"

BERNARD LEAVITT, Herdsman — R. H. JANDEBEUR, Owner

TO THE TULSA CLASSIC



LEOHOST FOX SAN PATTY
605 pound daughter of Dunloggin Fox Leo from a daughter of Right Royal Design.

MARCH 13th

We send a lovely bred two-year old daughter of this cow sired by Clyde Hill Elsie Tidy Lad 6th, son of the Excellent Polly Aurora Rock River.

She is due in August to the service of Willow Springs Admiral Fobes, our young son of Crescent Beauty Admiral.

Also Selling Are—

Two bred heifers, **Dibble Crescent Royal Lois** and **Dibble Crescent Royal Esther,** a splendid typy pair of straight **Crescent Beauty** bred heifers, that are sired by **Crescent Beauty Royal** whose milking daughters are showing up so well for type and production in the Dibble herd.

Our fourth consignment is the two-year-old, **Stonemark Carnation Polly,** due right after sale date. This beautiful heifer is by an Excellent son of the well-proven **Femco Calamity Posch Pride** and from a 400-pound 2X Good Plus Carnation bred dam.

WE BELIEVE YOU WILL LIKE THESE FOUR BRED HEIFERS AND INVITE YOU TO INSPECT THEM.

Adams Acres

BROKEN ARROW, OKLAHOMA

ROBERT W. ADAMS
Owner

G. RAYMOND APPLEMAN
Manager

UTAH DAIRY LEADER HONORED

Merrill N. Warnick, Pleasant Grove, Utah, stepped down January 14 from the office of president of the Utah Dairy Federation after serving 11 years as its president and two years as vice president. The occasion was recognized by the Utah Farmer which carried almost a full page of story and pictures on Mr. Warnick's service to Utah dairymen and with a fine picture of Mr. and Mrs. Warnick as the front cover illustration. We reproduce this picture herewith. Among the pictures used with the story was one of the Warnick family with their 4-H calves which appeared on the cover of the **World** back in 1940.

From the article we learn that the Utah Dairy Federation has grown in the 15 years from 100 members in 1937 to more than 14,000 on January 1, 1950 and the dairy industry of the state from an annual cash income of seven million dollars in 1937 to well over thirty million dollars in 1949. The Federation joined the American Dairy Association in 1943 and Warnick is a member of its executive committee. He is also a member of the Board of Trustees of the Utah State Agricultural college; has been a 4-H club leader over 20 years, with high honors from the National 4-H Club Congress; has been recognized by the Utah State Farm Bureau for his work in this field and has likewise served with many other civic and agricultural organizations of his state and county as well as with his church; also as a director of the Utah State Fair Board. He is now serving his second four-year term as a director of the Holstein-Friesian Association of America.

Mr. and Mrs. MERRILL N. WARNICK
In the office at their farm home.

The Warnicks have been breeding Holsteins for over 20 years. He was among the first to classify in 1930 and his herd has been on continuous test for 20 years; in H.I.R. for the past 14 with an overall average of 408.8 lbs. fat. He hopes now to be able to spend more time with his family and his farm.

BARGAIN OFFER of Heavy Duty **STAINLESS STEEL PAILS**

These sturdy, rust-proof all-purpose pails give you a **lifetime of service**. Heavy not-in bottom. Deep foot for extra strength. Soldered leakproof seams. **12-qt. size, $0.95** (6 pails at $1.50 each). **14-qt. size $0.00** (6 pails at $1.50 each). Shipped prepaid on receipt of check or money order.

ORDER TODAY!

LAWRENCE PENNY CO.
Dept. 1HF, 629 S State Street, Chicago 5, Ill.

TO THE TULSA CLASSIC ! !

— SHE SELLS —

CLARKDALE PRIDE POSCH
Junior Champion 1949 Illinois State Fair

WE ARE SENDING three top females including the outstanding show heifer, **Clarkdale Pride Posch** (pictured at the left) Junior Champion at the 1949 Illinois State Fair. Sired by the Very Good sire, **Skylark Pride Perfection Fobes** from a dam with year after year records up to 651.4 fat on 2X. She will be fresh by sale time with a calf by **Montvic Rag Apple Captor (Ex)**.

And a very outstanding four year old daughter of **Montvic Rag Apple Churchill**—a great uddered prospect, for a large record, due at sale time to the great show bull, **Pond Gate Ovation**.

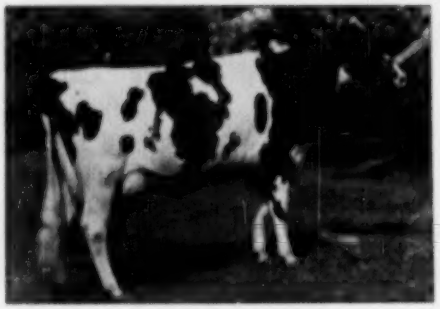
Also a three year old daughter of **Simon War Dance** out of a Good Plus daughter of the All-Canadian two-year-old, **Elm Colanthus Rag Apple Right**, due at sale time to **Glen Valley Baron Bambi**.

Watch these three on show day
They will be among the tops.

C. B. SMITH & SONS

WILLIAMSTON **MICHIGAN**

OUR FOURTH EXCELLENT



BURKE POSCH WILLIE (EX)
Grand Champion Illinois B & W Show 1949

BURKE POSCH WILLIE

SHE HAS JUST BEEN CLASSIFIED EXCELLENT WAS GRAND CHAMPION OF OUR STATE BLACK AND WHITE SHOW LAST SUMMER, SECOND AT ILLINOIS STATE FAIR AND TOPPED THE STATE SALE LAST FALL.

She is on her way to making close to 650 of fat as a junior four year old on 2X.

She is due in May to the service of Mooseheart Prince.

She is a daughter of the proven Hill-Man Burke Posch, son of the All-American, Iowana Ormsby Aaggie Burke.

SHE JOINS OUR OTHER THREE EXCELLENTS — THEY ARE:

LOCUSTDALE ROSE CHIEFTAIN (Ex)
A daughter of Carnation Imperial Chieftain who is making well over 800 of fat this year.

WALDHOLM LUCKY JANE ORMSBY (Ex)
A daughter of Lauxmont King Lucky Strike and she had 821 pounds of fat last year.

WEST-VILLA ACCA HOMESTEAD CORA (Ex)
A daughter of West-Villa Mosie Acca Duke. She made 716 pounds of fat last year and has been milking over 90 pounds daily the first four months of this year.

To The Tulsa Spring Classic — March 13

AN OPEN YEARLING—A DAUGHTER OF MOOSEHEART PRINCE FROM A DAUGHTER OF MOOSEHEART GOLDEN CROSS. The former sire is by Dunloggin Lochinvar Prince, and the latter is by Dunloggin Golden Cross, and both are sons of De Kol Lady Rag Apple.

IN ADDITION TO THE RESERVE ALL-AMERICAN SENIOR YEARLING, PABST SIR ROBURKE RAG APPLE, a great grandson of De Kol Lady Rag Apple, we have three different sons of this grand old cow in service. She has a total production of 5,298 pounds of fat from 145,732 pounds of milk in 2800 days. The sire and grandsire of the Tulsa heifer are the two younger sons, the oldest is Mooseheart Admiral DeKol (VG) and he is sired by Lauxmont Admiral Superdella.

A card will bring you complete information on a son of one of our sires from such cows as those described above.

MOOSEHEART FARM

MOOSEHEART, ILLINOIS

H. W. McCOY
Director of Agriculture

MERLE HOWARD
Dairy Superintendent

To the Tulsa Spring Classic

A Daughter of This Pair

PEBBLE BEACH FLO (EX)
Fat 365d 5y 788.8
Milk 3X-3.9% 20240.0

JULE KING ADMIRAL (VG)
Sire of the 1949 All-American 5-yr-old, Crescent Beauty Lady Gloria.

—A Daughter of Jule King Admiral from Pebble Beach Flo (Ex.)

—A Son of Hallrose Hazel Lad from a 738-Lb.—4%—4 Yr.-Old

THE HEIFER—

Her Dam, the Excellent 788 pound cow shown at the left, a daughter of Sir Ben Ormsby Fobes Dean from a daughter of Montvic Chieftain 7th. She is one of the most valued members of the **Hickory Creek Farms** herd. She has been shown with our show herd standing second to our great Echo cow. "Flo" has a splendid udder, outstanding dairy quality and is made to be brood cow. She was mated to Jule King Admiral, sire of this year's All-American 5-yr.-old—the result a splendid heifer calf born 3-6-40. We had counted on her for our own future use but the Oklahoma Sale Committee asked for a top—WE BELIEVE THIS IS IT—The heifer speaks for herself—the sire and dam are becoming widely known for their own greatness.

The breeder who bids last on this heifer will take into his herd a part of the breeding program at Hickory Creek Farms.

Her Sire—Jule King Admiral, second aged bull at the Illinois State Fair, member of the first prize Get of Sire of Jule King Fobes at the Illinois State Fair. He is the sire of Crescent Beauty Lady Gloria, 1st three year old and Grand Champion at the Waterloo Dairy Cattle Congress, 1949, and All-American 5-yr-old, 1949. His daughter from Pebble Beach Flo, the Excellent 788 lb. cow is our consignment to the Tulsa Spring Classic.

THE BULL CALF—

His dam, Tulane Nancy Belmont, has 798 lbs. of fat, 2X, 4% test as a 4 year old. She is an exceptionally good uddered, big strong very dairylike cow. She is now on A R test as a 9 year old and has been milking well over 100 lbs. a day with the promise of another outstanding record.

His sire, Hallrose Hazel Lad classified Excellent and his dam and both granddams are both Excellent. This calf was born August 10, 1949.

This calf is of very pleasing type and represents inheritance that we believe will work for you in your herd building program. The "Lad" bull and the two generations back of him represent seven animals, five of which are classified Excellent and two Very Good. His first three sires will soon all be Gold Medal, his two nearest dams are both Excellent and show ring winners as well as outstanding producers.

HALLROSE HAZEL LAD (EX)

This young bull calf that will represent Hickory Creek Farms in the Tulsa sale combines type and production to a marvelous degree. "Nancy's" sisters are grand kind of cattle—big, strong, dairylike, seven of them have over 700 fat, 2X.

A BULL FOR THE BREEDER THINKING OF THE FUTURE OF HIS HERD

HICKORY CREEK FARMS

HOWARD FOUNDRY CO.
Owner

West McHenry, Illinois

A. C. "Whitie" Thomson
Herd Mgr.
D. H. "Dave" Houck
Herdsman

To the Tulsa Spring Classic

A DAUGHTER OF THIS EXCELLENT PROVEN SIRE

She is

LYONS BONNIE IMOGENE
Born Jan. 13, 1949.

She is a heifer of exceptionally nice type, will show as a junior yearling in the show on Saturday preceding the sale.

Her sire, **Triune Fobes Mechthilde,** is classified Excellent and his daughters increased fat 47 pounds on 502 pound dams.

Her dam, **Mercedes Aaggie Lyons De Kol,** is classified Very Good and has made 618 pounds of fat in DHIA, a granddaughter of King Bessie Duke.

WE ARE PROUD TO HAVE A HEIFER OF THIS TYPE AND BREEDING REPRESENT US AT TULSA.

His Daughter Sells

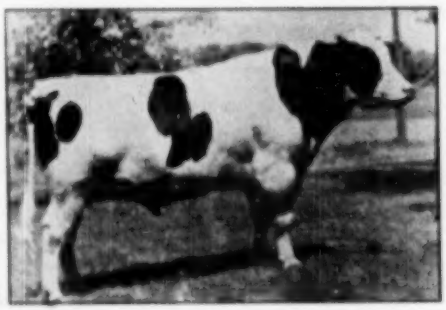
TRIUNE FOBES MECHTHILDE
Classified Excellent.

He is a son of Triune Ormsby Della Lass, his dam a daughter of Sir Ormsby Beechwood with a 2-year-old record of 590.9 fat.

CORNELL FARMS

WINFIELD — ILLINOIS

HIS DAUGHTER TO THE TULSA SPRING CLASSIC



CARNATION MADCAP MAXIMUM (VG)

Son of Governor of Carnation, his 7 nearest dams average 1130.4 lbs. fat

He is full brother to the 1173 lb. Carn. Homestead Daisy Madcap who completes the first four generation group of 1000 lb. cows.

His daughter, going to Tulsa was born November 1948. Her dam is Piperview Strathmore Mary Jane daughter of the Ex. Strathmore Prince Hengerveld with over 400 of fat, next dam a 655 lb. daughter of Carnation Successor.

Bid last on her at Tulsa, March 13.

PIPER BROTHERS

WATERTOWN — WISCONSIN

IOWA TO THE TULSA CLASSIC

A Granddaughter of "LILLY"

A junior yearling heifer sired by the show son of Sir Perfection Transmitter Lilly, Villisca De Kol Perfection. She is an individual we are proud to show and we believe she is better than the heifer that we showed to junior champion last year at the Tulsa show.

And This 5-Yr. Old Cow

She was first two year old at the district B & W Show in 1947. She is due right after the sale to the service of Pabst Burke Fiebe Tritomia, the young son of Burke whose daughters are just freshening and making a fine start on their two year old records.

SEE THESE TWO AT TULSA - - -
At the show on Saturday, March 11th
And in the sale March 13th

REHDER BROTHERS

GLADBROOK, IOWA

Donald Rehder — Nelson Rehder

Recent Advances in Nutrition*

By L. A. MAYNARD, Ph. D.
Director, School of Nutrition,
Cornell University, Ithaca, N. Y.

In assigning me this title Professor Dahlberg gave me plenty of latitude. I am going to discuss certain developments which may be said to "have come to a head" during the past year, including advances dealing with the nutritive value and economy of milk as a food and with the significance of these advances in terms of the market for milk.

The most exacting developments during the past year have centered around Vitamin B^{12} which was isolated as a biologically active crystalline material from liver (announced in April 1948) and which now appears to be the long sought anti-pernicious anemia factor. This search has been going on by chemists all over the world ever since 1926 when Minot and Murphy showed that liver was effective in the treatment of this anemia. Differing from folic acid, it now seems established that vitamin B^{12} causes the remission of neurological symptoms as well as of the specific anemia. The vitamin may be related functionally to both folic acid and thymine which also are effective in macrocytic anemias. Biochemical studies have indicated that Vitamin B^{12} and folic acid function as coenzymes; folic acid for the synthesis of thymine, and B^{12} for the synthesis of thymidine from thymine and for the formation of purines. Thus, it appears that both B^{12} and folic acid may function at different stages in the enzymic synthesis of purines and pyrimindines which are basic components of nucleic acids. The latter are primary constitutents of all living cells.

Vitamin B^{12} is the factor "X" which Cary and his associates previously reported as a growth essential for rats, supplied by dairy products and other foods. Cary's studies have established B^{12} as a dietary essential for normal nutrition, as well as a specific for the treatment of pernicious anemia. This is to be expected in view of its role as a coenzyme.

The chemical nature of vitamin B^{12} has been partially established and its relationship to or identity with the "animal protein factor," has been shown. Its synthesis by microorganisms (streptomyces griseus) has been established and a cheaper and more convenient method of production than from liver has thus become available.

Trace Elements

Of special interest, the Vitamin B^{12} molecule contains cobalt (4 per cent), a trace element which has long been known to influence red cell formation. Its essentiality in the food of ruminants and the practical importance of cobalt deficiency troubles in sheep and cattle in certain areas have been recognized for some fifteen years. But repeated attempts have failed to establish its essentiality for other species. Its identification in the B^{12} molecule now demonstrates this essentiality. Since doses as small as 5 mcg. or less of this vitamin have been found effective in treating pernicious anemia patients it is not surprising that the need of cobalt for the normal body synthesis of this vitamin could not be demonstrated. It is uncertain as to how cobalt functions in ruminant metabolism. Several investigations have reported that ruminants with cobalt deficiency do not respond to its injection over a considerable period, though responding promptly on feeding. The number and kinds of bacteria in the rumen of cobalt deficient sheep were found to be different from normal, but restored to normal on cobalt feeding (Cornell workers). Thus, it was postulated that B^{12} might be an essential metabolite for sheep and that ingested cobalt serves for its synthesis in the rumen. Thus, injected B^{12} would cure the deficiency although injected cobalt did not. Becker et al (Science 110, 7, 1949), have reported negative results from B^{12} injection. Consequently cobalt must function in other ways. It might, through B^{12} synthesis in the rumen, provide a compound necessary for growth of microorganisms essential for other normal rumen syntheses (amino acids, vitamins). It may well have functions inside the body different from B^{12} synthesis.

(Continued on page 60)

Elm Grove Consigns

A Cow with a Nearly Perfect Udder

TO THE TULSA EXPOSITION SALE

TWO GRANDDAUGHTERS SELLING

DAM OF ELM GROVE HOMESTEAD SUSAN (GP)
2 Yrs. 621 F
4.1%

ABBEKERK SENSATION SUELDA (VG)
2y 623F, 17,862M.
Suelda is a proven brood cow with 2 daughters with 2X rec. of 508F, 568F, and 621F, 3.5 to 4.1%.

TWO OUTSTANDING GRANDDAUGHTERS OF SUELDA SELLING

Elm Grove Gov. Sandra
milking 55 lbs. per day 2X.
Sire: Carn. Gov. Supride (VG).
Dam: Elm Grove Realization Diane (GP). 562 F.

Elm Grove Governor Sharon
Born 1-28-49.
Sire: Carn. Gov. Supride (VG).
Dam: Elm Grove Imperial Abbekerk (GP) 508F, 2 yrs.

DON'T MISS THIS ONE — — —

ELM GROVE IMPERIAL LADY (GP)
At 2y 508 F., Dam of Lucy.

Elm Grove Governor Lucy
Born July 13, 1948.

Sire: Carnation Governor Supride.

Dam: Elm Grove Imperial Lady (GP), is shown at the left. She is a daughter of Carnation Hello Imperial (VG), has 508 F., at 2 yrs., and she will be in our show string at the Tulsa Show.

BRED TO A GOLD MEDAL SIRE

"Lucy" is a granddaughter of Governor of Carnation from a granddaughter of Carnation Governor Imperial, and is bred to a "VG" Gold Medal grandson of Governor of Carnation. Where can you find stronger Governor of Carnation-Hazelwood breeding?

Write or wire for picture and pedigree.

ELM GROVE FARMS

510 E. 4th St., North Platte, Nebraska
"Midwest headquarters for Governor of Carnation Breeding"

NATIONAL CHAMPIONS HONORED

The South Central Minnesota Holstein Breeders' Association had as its guest of honor the 1948 National Champion Holstein boy and girl. This picture shows Mary Jean Wolter, Fairmont, Minn., and Eugene Woodcock, Tripoli, Ia. Veteran breeder and milker specialist, J. C. Marlow and club president Ralph P. O'Connell look on with paternal interest as presentations are made.

A Visit to So. Central Minn. Ass'n

By EUGENE WOODCOCK

(1949 National Champion Holstein Boy)

The annual meeting of the South Central Minnesota Holstein Breeders' Association was held at Mankato, Minnesota, January 15, 1950. I was issued an invitation to attend their fine meeting. My father and I made the trip. We were more than a little amazed at the enthusiasm and friendliness of this group of Holstein breeders. Thought it might be of interest to the WORLD, and those fellows definitely deserve a good plug. Included in their well rounded program is an annual sale. This association is formed from the breeders from five counties. They get together enough cattle to have a good sale as well as lending support to the state sale. They also have social events during the year, which is fine association for the entire family. The warmth and friendliness of these people was demonstrated to us at their annual meeting. I believe they also have an artificial breeding ring.

Here's a line-up on the day's program. Following a fine lunch, Miss Mary Jean Walters, 1948 national Holstein girl champion, was introduced, presented with a corsage and ably relayed a message to the audience. They then introduced this guy and presented me with a model cow plaque. After I said a few words they really got into the well planned program. In appreciation for all his efforts and furnishing of meeting place, Mr. J. C. Marlow was given beautiful flowers. Most of the day's gags were centered on Mr. Marlow. Mr. Marlow talked shortly on benefits of cow testing (D.H.I.A. and A.R.). Aged Uncle Jim O'Connell gave an inspiring message concerning 4-H activities of today and yester-year. Mr. Henry Bartel then gave a most interesting talk and demonstration on the selection and showing of Holsteins. Mr. Bartel's recommendation for selecting good cattle is, "Let your eye please your brain." He went on to give points on feeding, preparing cattle for the show circuit and of the actual showing. State President A. J. Lashbrook of Northfield, Minn. then discussed the oleo problem and told of his recent experiences in Washington, D. C. in regard to the oleo bill. The group unanimously voted to send telegrams to Senators Humphrey and Thye and to write them personal letters of encouragement. National Director H. G. Miller added to Mr. Lashbrook's statements, and brought an encouraging message.

Ralph O'Connell of Le Center, Minn., president of the group, presided at the meeting and was reelected president. Also reelected was Lyle Hohenstein, very active secretary of the organization. (And a former National Champion Club Boy).

I enjoyed this meeting much and thought others might be interested in hearing of their activities. A number of young 4-H and F.F.A. members were the group's guests.

Editor's Note: Eugene is now attending Iowa State College.

JUDGING SCORE CORRECTION

Correction should be made in the score reported for Mrs. Nellie E. Rogers in the All-American Judging Contest. It should read 186 points, moving her up from a tie for tenth prize into a tie for eighth prize, affording her particular satisfaction as it moves her two points ahead of her husband, Charles F. Rogers, Randolph, N. Y. Both Mr. and Mrs. Rogers have made a very consistent record of placing in the money in the All-American Judging Contests.

GOOD CATTLE SELL WELL

Lancaster, Pa., Feb. 14. Elmer B. Stoltzfus Sale, Elverson, Pa., today averaged $475. Milking cows, $558. Bred heifers $500. Open yearlings $332. Heifer calves $280. Two cows with bull calves at side sold for $965 and $910. Large Crowd. Spirited bidding. Buyers from Pennsylvania, New Jersey, Maryland and Delaware.

—R. Austin Backus, Sale Mgr.

One We Didn't Want to Let Go to the

BARNARD RAMONA PERFECT BUSTER

The 1949 All-American two-year-old heifer.

TULSA CLASSIC
MARCH 13

This one is

"SENORITA"

a bred yearling almost the same breeding as our 1949 All-American two-year-old, Barnard Ramona Perfect Buster.

But this one is a daughter of Clyde Hill Rector Rock, son of old "Rock", and her dam is **Gertie Illona Aurora,** the daughter of Mercedes Hengesveld 'A' with three records over 700 lbs. of fat.

Our classification score — 86

1 Ex., 7 VG., 5 GP

1948 HIR Ave., 2X, 487 F., 3.99%

BARNARD FARM

ARTHUR HARTMAN — BARNARD, MISSOURI

Working Manager Wanted

for small farm, 90 milking head, HIR average over 500 lbs. fat on 2X, 115 acres.

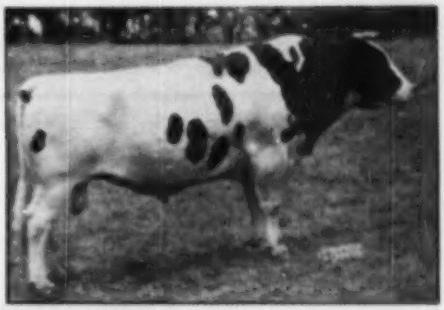
Manager, and 2 men to milk and also bring in hay and corn silage. Near New York City.

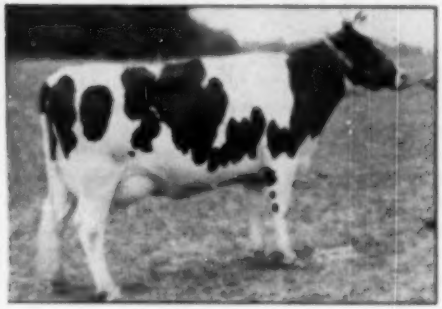
BOX 524
H-F WORLD
Larson, New York

Daughters of

MONTVIC PATHFINDER PRIZETAKER

Gold Medal Proved Sire





THELMA 2550865 (V.G.)

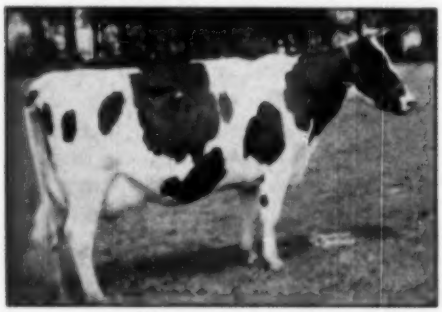
EMILY 2456898 (V.G.)

A. R. and Herd Test Daughters (M.E.-305d-2X)

13 Daughters	Average	13210 M	4.10%	535 F
5 Daughters	Average	13210 M	4.32%	571 F
5 Dams	Average	13650 M	3.78%	516 F
		440 M	.54%	55 F

Daughters with Individual A. R. Records

CLARA	24294M	4.3%	1039.2F	4y 1m	BESS	20857M	3.9%	807.5F	3y 7m
MAGGIE	21324M	4.4%	929.6F	4y 5m	EMILY	19530M	4.0%	777.6F	2y 8m
MAY	18400M	4.6%	845.3F	4y 7m	THELMA	15331M	3.9%	600.2F	2y 8m



GERTIE 2572594 (V.G.)

BESS 2522733 (V.G.)

C. S. HARVEY
Brockel Farm
Cincinnatus, N. Y.

C. R. HOPE & SON
Round Oak Farm
Purcellville, Va.

BUY KANSAS HOLSTEINS

First Offering of Our

Frosty-Roamer

Combination

Four Frosty daughters are fresh, three have been tested with tests of 4.1%, 4.2% and 4.7%.

We offer a son of Collins Farm Frosty Pearl by Roamer, born Dec. 16. In her first 47 days, Pearl has 812 F., with 4.1% test. Pride, a maternal sister made 423.6 F., 3.8%, Jr. 2X.

Collins Farm Gerben Lass, dam of Pearl and Pride, has—

2y	304d.	16159M	3.8%	616.8F	2X
3y	324d.	12529M	3.6%	450.8F	2X
4y	287d.	12252M	3.6%	441.1F	2X
5y	325d.	17410M	3.6%	618.3F	2X
6y	309d.	18493M	3.4%	624.5F	2X
7y	354d.	18221M	3.4%	616.7F	2X

We are well-pleased with the uniformly heavy milking, high test and type of the Frostys and the dairy temperament of their little Roamers.

Pedigree and pictures of this Roamer son of Pearl's, sent on request.

HARVEY BECHTELHEIMER

GARETHA KANSAS

JUST OUT ! !

OUR 1949 HIR AVERAGE

472.4 Fat — 3.9% — 2x

These records were made on 3 Excellents — 11 Very Good — 5 Good Plus and 2 Good cows.

Calves arriving from them are sired by **PABST BURKE PRIDE** (VG) whose 7-8 sister holds the U. S. Jr. 2-year-old 305-day record, 3X. The dam of Pabst Burke Pride is the highest testing, highest record daughter of her sire, a Gold Medal bull.

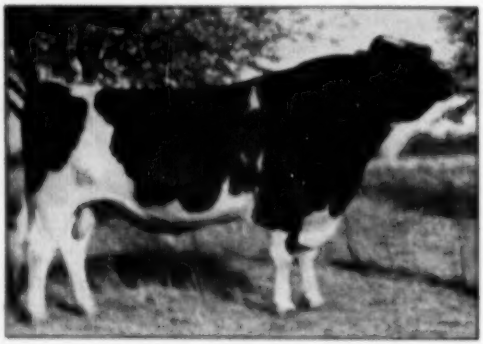
It is up to you who read this as to whether we merit your consideration when you select that next herd sire.

STONEMARK HOLSTEINS

GEORGE E. STONE
109 E. Stolp
Medicine Lodge, Kans.

DWIGHT STONE
Sharon,
Kans.

"Smoky Joe"



QUIN-DALE TRIUNE SMOKY JOE
Classified Excellent
Nominated All-American three-year-old in 1948.

"Smoky Joe's" dam had four consecutive records above 600 of fat on 2X.

He was bred on our farm as was his dam and the six generations before them. He is also being proven here with very pleasing results, his first daughters averaging 3.9% with four classified, (at two years) three Good Plus, one Good.

Our recent visitors have been liking these smoky Joe daughters, and we are sure you will like them too. Why not introduce this blood into your herd?

DALE KUBIN

Dale-Mar Farm **McPherson, Kansas**

BUY KANSAS HOLSTEINS

Why Not Option A Son of—

Clyde Hill Hengerveld Mercedes

- He is a son of the Gold Medal Rock River Hengerveld Al from Clyde Hill's foundation cow, Novella Romelia Bess Burke with 5459 of fat in six lactations.
- His full sister has 4299 of fat and 107,079 of milk in seven lactations.
- He sired the first junior get and had first junior yearling heifer at the 1949 Kansas State Fair. He is also the sire of the 1949 All-Kansas 2-year-old bull.
- His daughters have—

SIZE — TYPE — PRODUCTION

WHITE FARMS

Route 8

J. M. White TOPEKA, KANS. Eugene R. Smith

PABST BURKE TRITOMIA

A Son and Two of His Daughters to

The Tulsa Spring Classic

The Son is from the highest record daughter of the Ex. proven **Lou Ormsby Lad.** She has 2 records over 700 and is heading for 800 this year.

The Daughters—both from "Lad" daughters, both dams VG. One has 548.7 of fat at 2 yrs., and should make 600 this year. The other is a bred heifer, fresh two months after the sale.

Pabst Burke Tritomia is from a 776-lb. 3.8% daughter of Dean Colantha Ormsby, he has 5 2-yr.-old daughters over 600 F.

BEEZLEY DAIRY FARM

R. C. & WM. M. BEEZLEY GIRARD, KANS.

A SALE TOPPER—

SPRINGROCK PABST ROAMER GERTIE

This daughter of Pabst Roamer goes to the Tulsa Spring Classic.

(See her picture, page 42)

Her sire, Excellent Gold Medal sire of the Reserve All-American Get for 1949, leading Honor List sire of the past year and sire of the All-American heifer calf and the All-American 2-yr.-old bull, 1949.

Her dam has almost the same breeding as the 1949 All-American two-year-old heifer, this heifer having in her pedigree the full brother to C H Burke Hengerveld Al, and the full sister to Mabel Speckle Aurora, (Ex) our Madge cow who is also Excellent.

She represents the very best in Pabst and Clyde Hill breeding.

See her at Tulsa, March 13.

Meyer Dairy Farm Co.

"Home of the Spring Rocks"

GROVER G. MEYER & SONS, BASEHOR, KANSAS

MONTVIC RAG APPLE SOVEREIGN IS DEAD . . . his inheritance will carry on in our herd through

His Son.

A. B. C. HOMER SOVEREIGN 1027902 snapped in his every day clothes but showing his great depth and sharp shoulders.

HIS DAM: **Walhill Phoebe Rightaway (VG)**

2 yr.	365d.	2X	18906	3.42%	647
3 yr.	365d.	2X	15903	3.44%	547
			(not dry)		
4 yr.	365d.	2X	23459	3.76%	882
6 yr.	365d.	3X	25244	3.53%	890

Classified Very Good, she is one of the great producing cows at Rosafe from one of the best families at W. H. McCaugherty's. She is all dairy with an udder that is even better after showing this heavy production.

McVay's

NICKERSON, KANSAS

BELLEVUE

RECORDS — RECORDS
2 From Dams Over 1100 lbs.
3 From Dams Over 900 lb
6 From Dams Over 8
5 From Dams O
12 From Da

125 HEAD

BANG'S APPROVED - T. B. ACCREDITED

DESIGN

The early history of Bellevue centered around the blood of old Colantha Johanna Lad through some choice females coming from the Fred Field Dispersal, and then in 1938, a most important step was taken in the purchase of ORMSBY SENSATION 45th at the December Enfield Sale for $2125.00 which stood at the top price for 15 years. The record of Ormsby Sensation 45th needs no repeating. He has long since left his mark on the breed. Eight of his daughters that have over 100,000 lbs. milk made their records here and in this sale will be two of his own daughters.

Following 45th came Montvic Bonheur Chieftain, a full brother to Montvic Pathfinder, son of Montvic Chieftain and Montvic Rag Apple Bonheur, four times All-American.

Next in line came DESIGN AGAIN, a full brother to the famous Century Gold Medal sire, Dunloggin Design and also to Dunloggin Designer. The proving on Design Again (see elsewhere) is most phenomenal and the manner in which his daughters are working pretty well stamps the wisdom of his choice for use at Bellevue. We believe his sale offers to breeders one of the highest proven sires available at any figure.

— In the Sale —

60 Cows in Milk **21 Bred Heifers**

20 Open Heifers **19 Heifer Calves**

5 Bulls

— AND 50

DUNLOGGIN DESIGN
"Ex"-Gold Medal-Century sire. Famous for 15 years at Overbrook. Full brother to DESIGN AGAIN.

BELLEVUE DESIGN SECOND LADY
By AGAIN. Made 698 lbs. fat at 3 yrs., testing 4.3%. Daughter of Bellevue Ormsby First Lady 3d, with 933 lbs. fat 4.1%. Sells with her daughter by Design Again.

BELLEVUE DESIGN ASIA
By AGAIN. Made 719 lbs. fat at 3½ yrs. testing 3.9%. Milked 75 lbs. 2X with second calf. Sells with her two young daughters.

Other Herd Sires Selling—

BELLEVUE PONTIAC THELMA—Born Sept. 8, 1940. Selling with 21 of his daughters and eight females bred to him. He carries 75% of the blood of BOGO PONTIAC BURKE FAYNE—being her own son and sired by another son of that same dam. The dam made 1198 lbs. fat 3X which at the time was a World Record. She produced 28713 lbs. milk averaging 4.1%, previously making 841 lbs. fat also with a 4.1 test. His sire, from the Bobo cow, to Bellevue Pontiac Sensation, he with 22 A. R. daughters up to 990 lbs. fat, and he, in turn, by Ormsby Sensation 45th. Bellevue Pontiac Thelma has a comparison on 6 pairs which shows an increase of 2430 lbs. milk and 81 lbs. fat.

BELLEVUE DESIGN ORMSBY NICK—Born July 21, 1946. Selling with 16 of his daughters. He is an own son of Design Again from Bellevue Ormsby Fidelia, an own daughter of Ormsby Sensation 45th. Fidelia made 833 lbs. fat at 8½ yrs., 785 lbs. fat at 4 yrs., 762 lbs. fat at 5½ yrs., and has produced 3 daughters with 488 lbs. 6.1%, 447 lbs. 3.9%, 561 lbs. 3.9%. The second dam to by King Colantha Change, and the third dam has 793 lbs. fat from 24353 lbs. milk.

BELLEVUE FIRST LADY DESIGN HIM—Born April 20, 1947. Selling with 9 of his daughters and 26 head bred to him. He also is a son of Design Again with one of the greatest of all 45th pedigrees. He is a full brother to Bellevue Design Second Lady with 698 lbs. fat 4.3%, at 3 yrs. His dam, Bellevue Ormsby First Lady 3d, with 933 lbs. fat 4.1%, at 5½ yrs., 941 lbs. fat 4.1% at 4 yrs., 881 lbs. fat 3.9%, at 7 yrs. is herself an own daughter of the great Ormsby Sensation 45th, and her dam, in turn, the famous Bellevue Ormsby First Lady (at Josephi) "Ex" at 14 yrs. is also by Ormsby Sensation 45th.

A SENSATIONAL P
+ 35000 Lbs. Milk 7

DESIGN AGAIN—Born Nov. 21, 1942—
Gold Medal Sire. His dam is that wonde
835 lbs. fat averaging 4.1%, she by a so
second dam Bonheur Mercedes Ormsby
daughter of Pietertje Ormsby Mercedes
The figures shown above are his provin
12 H. T. daughters and among his highe

Bellevue Design Again Apa
Bellevue Design Asia
Bellevue Design Again Alma
Bellevue Design Again 2d La
Bellevue Design Again Addie
Bellevue Design Orm. Alta
Bellevue Design Olivian
Bellevue Design Edith
Bellevue Design Ella

Design Again is in perfect breeding co
and is selling with nearly half a hund
milk. Some 23 or more females in the s
OPPORTUNITY FOR SOMEONE TO PU

R. AUSTIN BACKUS - Sale Manager & Auctioneer - MEXICO

— RECORDS!
at
Fat
0 lbs. Fat
er 700 lbs. Fat
ns Over 600 lbs. Fat

DISPERSAL

AGAIN

MONDAY - MARCH 20, 1950

HYATTSVILLE, MARYLAND

BELLEVUE FARMS from which we can see the Nation's Capitol, and within eight miles of the White House, is now forced to give way to the growth of Washington. The farm is now encircled by housing and upon the sale of the herd the entire tract will be sold for residential purposes.

It was founded in 1880 by the late Christian Heurich who died in 1945 at the age of 102 years. The herd was founded in the late 90's and has been identified with the breed for nearly a half century.

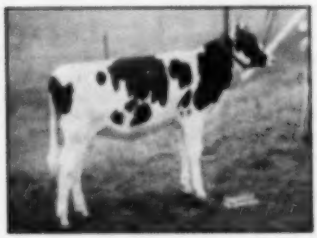
It has been on A. R. Test for 25 years and on Herd Test for the past 18 years. With a single exception **EVERY ANIMAL IN THE SALE CARRIES OUR PREFIX** and with our long testing history we have a resulting pedigree with an almost unbroken line of splendid records. Probably few herds ever sold has such a solid record backing.

REMEMBER, while we are so close to Washington, the actual location is at **HYATTSVILLE**, Md., and is one mile off Route 1. Also entrances from Route 410 (Agar Road) also from Route 500 (Queen's Chapel road). Make your reservations at The Continental Hotel, Washington, D. C.

In Washington
C. HEURICH, Jr., Owner
'Phone Republic 160

At the Farm
HAROLD STRAKER
'Phone Hyattsville-Warfield 1495

DAUGHTERS



BELLEVUE DESIGN LADY BETTY
By AGAIN. This is it! Full sister to Second Lady. Dam with 932 lbs. fat 4.1%. Full sister with 898 lbs. 4.3% at 2 yrs. By a son of Woodmaster from an own daughter of 45th.

BELLEVUE DESIGN AGAIN ALMA
By AGAIN. Made 708 lbs. fat as jr. 2-yr.-old. Milked 76 lbs. as a 2-yr.-old, 86 lbs. as a 3-yr.-old. Sells bred to Design Again.

DUNLOGGIN DESIGNER
Former Nisbet herd sire. Full brother to Design Again. Proving himself one of the coming young sires.

OOF ON THIS SIRE
atrs + 125 Lbs. Fat
an own son of Dunloggin Woodmaster, ful cow, Bonheur Rag Apple Moole with of Johanna Rag Apple Pubar 2d and the Bella (Pup-Eye) probably the greatest Bella.
on 7 pairs. He has 16 A. R. daughters, records are the following:

	3 y	629	3.6%
	2½y	719	3.9%
	2 y	708	3.6%
y	2 y	698	4.3%
	2 y	695	3.6%
	2 y	651	3.7%
	2½y	641	3.5%
	3 y	635	3.4%
	3 y	607	3.6%

ition, alert, gentle and easy to handle, d of his daughters with 26 of them in e are now bred to him. A MARVELOUS CHASE A REALLY GREAT SIRE

— Some Family Groups —

The "FIRST LADY" FAMILY—Bellevue Ormsby First Lady 2d, with 933 lbs. fat, two others over 860 lbs., all 4%, an own daughter of Ormsby Sensation 45th from Mr. Bell's famous "First Lady" "Ex at 14 yrs., and dam of several good sires. First Lady 2d carries 75% of the blood of Ormsby Sensation 45th and she is selling with her two daughters, two granddaughters and a great granddaughter.

The "ROLO-FAYNE" FAMILY—Rolo Pontiac Burke Fayne, when she made her 3X record of 1190 lbs. fat from 28718 lbs. milk 4.1%, held the World record. While she is no longer here, there is in this sale her son and daughter and another dozen females going directly to her in the female line. She was one of the greatest cows ever at Bellevue, and this family is one of the best.

BELLEVUE DESIGN AGAIN APA—with 829 lbs. fat from 21812 lbs. milk at 3 yrs. Her dam with 852 lbs. fat by 45th. Highest record daughter of Design Again.

BELLEVUE DESIGN ASIA—with 719 lbs. at 2½ yrs., and her dam a maternal sister to Apa (above). Asia has two daughters in the sale with her. One by Design Again. In all there are 11 in this family all built around Bellevue Ormsby Belinda Beets, with 852 lbs. fat at 3 yrs., averaging 4%.

PRACTICALLY EVERY ANIMAL IN THE ENTIRE HERD IS DESCENDED FROM ORMSBY SENSATION 45th — with DUNLOGGIN WOODMASTER added.

N. Y. — CATALOGS AVAILABLE SOON - Send .25 to Conserve Supply

Recent Advances in Nutrition

(Continued from page 55)

The cobalt story is the most interesting example of trace element advances. It has been shown that copper deficiencies occur along with cobalt deficiencies in certain areas. Additional copper alleviates the symptoms of molybdenum excesses in certain soils. Copper deficiency may be heightened by excess molybdenum in the soil, Davis) or molybdenum added as a fertilizer (King).

These recent findings of trace element deficiencies and interrelationships have stimulated speculation and some study as to whether certain food supplies may be deficient in these elements in terms of human needs. No positive evidence has been obtained except in the case of iron and perhaps copper.

The findings have also stimulated speculation and, unfortunately, unwarranted claims that deficient soils are responsible for poor human health. This is an important field for further study but present claims are not justified by the facts. (It is important in any discussion of advances to emphasize what we don't know as well as what we do.) A balanced diet including green leafy vegetables is important and will probably cover trace element needs.

Amino Acids

Large advances have been made in putting protein nutrition on an amino acid basis in the case of both animals and man. Rose (Fed. Proc. 8, 546, 1949) has established the quantitive needs of the amino acids needed for the maintenance of adults and has recommended the following daily intake levels (twice the minimum):

(Strictly Tentative Values)	
L tryptophane	0.5 gm
L phenylalanine	2.2 gm
L lysine	1.6 gm
L threonine	1.0 gm
L valine	1.4 gm
L leucine	1.4 gm
L methionine	2.2 gm
L isoleucine	1.4 gm

Of special interest in the case of dairy cattle nutrition are the recent findings at Cornell with ruminants showing that all of ten amino acids which are essential for rat growth can be synthesized from urea in the rumen of sheep and goats (Loosli et al, Science 110, 144, 1949). Fed a purified diet containing urea as a sole source of nitrogen, the animals were in positive nitrogen balance and gained weight. These results do not mean that quantitive needs can be thus met, but they do indicate the ability of rumen organisms to build the kind of protein which the body needs.

These studies of amino acid needs have been accompanied by microbiological assays of these amino acids in our food and feed supplies. The Cornell workers have obtained data on some thirty-five feeds for the ten acids essential for rat growth, and assays for the non-essential acids are in progress. Various methods have been critically studied, and procedures developed which permit more precise determinations of amino acids in feedstuffs.

Factors in Tooth Decay

The foregoing accounts illustrate the fact that research on the nutritive requirements of microorganisms and their use as tools in nutrition research have made large contributions to the advancement of human and animal health and performance. In fact the most significant factor in the recent rapid advances in nutrition knowledge has been the pooled efforts of several sciences; organic and biological chemistry, physics, microbiology, medicine and others.

The problem of the relation of nutrition to tooth decay continues to receive a lot of attention—with some progress. New evidence has accumulated as to the importance of good nutrition in general and of Calcium Phosphorus and Vitamin D in particular for the formation and development, from the fourth month in utero to eight years (and later for the wisdom teeth), and of the kind of teeth that are more resistant to decay. This emphasizes both material and child nutritional needs and the value of milk in supplying those needs. Nutrition plays a significant role during this period as well as later for the develop-

CUMBERLAND VALLEY SALE

WEDNESDAY — MARCH 8

50 REGISTERED HOLSTEINS

Selling at the Clyde W. Gutt farm located 4 miles northeast of **GREENCASTLE, Franklin County, Penna.**

Turn north at auction barn, east of Greencastle off Route 16. Turn right at Grindstone Hill Church, 8 miles southeast of **CHAMBERSBURG**, off Route 316.

T.B. Accredited, Bang's Certified or Canadian Free Listed, eligible to go anywhere, some calfhood vaccinated, carefully treated against shipping fever and mastitis tested.

- **40 Strictly Fresh and Heavy Springers,**
- **8 Bred and Open Heifers,**
- **2 Service-Age Bulls, both high record, popular breeding.**

20 Young Calves of both sex selling right after their dams.

Every animal in this sale has been carefully and personally selected by members of the R. Austin Backus sales organization from Eastern Ontario Canadian herds. They are rich in the popular Rag Apple high testing lines for good udders, size, and ready to respond to your good care and feed.

Sale in large tent, heated if necessary, starting at 12:00 Noon, catalogs at the ringside.

R. AUSTIN BACKUS
Sales Manager & Auctioneer
Mexico, N. Y.

E. W. WEANER SALE

THURSDAY, MARCH 9

42 Registered Holstein Cattle

Sale at Owner's Farm, 2 miles north of **GETTYSBURG, PA.**, on Route 15, Gettysburg-Harrisburg Road

SALE HELD IN LARGE TENT AT 12:30 P. M. — LUNCH AVAILABLE

Owner has sold one farm and reluctantly offers these choice bred animals

Herd T. B. Accredited, Bang's Certified No. 5000, Calfhood Vaccinated

RAVENGLEN SENATOR PIERE, 5-year-old son of the 6-times All-American show bull, KING BESSIE SENATOR, from 986 lb. 4% fat daughter of SIR BESSIE OLMSBY FORES (she classified "Very Good") sells with 17 daughters. The oldest are just coming into production and are very promising.

2 full brothers of this bull were sold at very high prices to South America.

Many are closely descended from a former Herd Sire, DUNLOGGIN CHIEFTAIN, son of KING BESSIE MABEL, SUSIE and PIETERTJE OSLANTHA MOOIE, a 938 lb. fat cow with 24,912 lbs. milk, noted Dunloggin brood cow.

THIS SALE CONSISTS OF:

- 7 Cows due in fall
- 19 Bred and Open Heifers
- 7 Fresh or close springers
- 8 Heifer Calves about 6 mos. old

Production records on several of the dams from 600 lbs. to 800 lbs. fat. Catalogs at the ringside

R. Austin Backus
Sales Mgr. & Auctioneer
Mexico, N. Y.

E. W. Weaner
Owner
Gettysburg, Pa.

THE 251st EARLVILLE SALE

Wednesday – March 1st

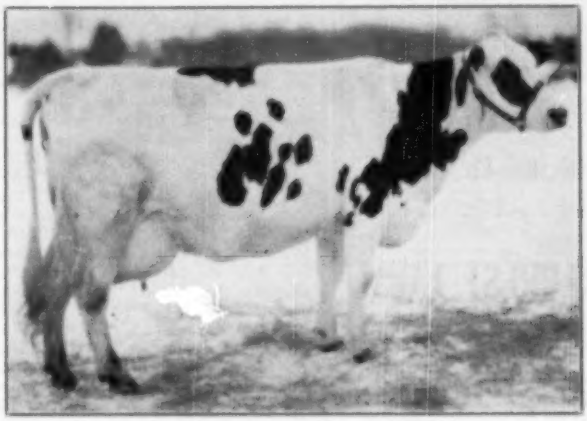
130 REGISTERED HOLSTEINS

In Heated Pavilion – Earlville, Madison Co., N. Y.

On Route 12B, about 11 miles south of U. S. 20. Earlville is 40 miles southeast of Syracuse, 30 miles southwest of Utica, 50 miles north of Binghamton.

Sale starts at 10 a. m. – Hot Dinner at Noon

A Son of this Sensational Cow Sells!



HEMFRID ONYX POSCH
365d—36m—4X—21345—4.1%—879.0
(Second on 1948 National Honor List)

She is the youngest 879-lb fat cow ever developed in New York State. She started this record just 10 days out of the 2-year-old class.

A marvelously well-bred cow, she is dam of Butterfly Anchor Lochinvar, the bull that is headed for a great proving in the Leslie Van Wie herd, Middleburg, N. Y.

Her three cows sold for $1,500, $2,200 and $3,500.

A Great Female from New England

Hilltop Omot Caroline, born March 7, 1946. Her first calf credits for 281 days in A R show 692.9 lbs. fat and 4% test, 2X at just 3 years. Additional credits will be announced. She is by "Ex" OMOT from an "Ex" dam that has 494 lbs., AR and this dam great enough individual so that her picture was used for display of good type in the Holstein Handbook . . . this is a top heifer due right after the sale to a son of $8,550 Dunloggin Fond Bango, highest record Dunloggin Fond Memory daughter with 909 lbs. fat, 4y, 2X, 4.1%.—**Charles Stroh, Suffield, Conn.**

You will be able to select choice females of Good Type, Profitable Production, Valuable Bloodlines at this sale.

90 FRESH AND CLOSE SPRINGERS
15 WELL-BRED SERVICE-AGE BULLS
25 CALVES—MAJORITY HEIFERS

T.B. Accred. - Blood Tested - Mastitis Tested
Many Bang's Approved

A Real High Class Bull Selection

Note That Top Females Accompany Most of These Bulls

BUTTERFLY DONYX KING VAR 996724—born December 13, 1948. One of the greatest-bred bulls ever to be offered at Earlville. His sire is Harden's famous $10,500 Dunloggin King Var. His dam is the beautiful high record cow pictured at left, Hemfrid Onyx Posch. "Onyx" is Posch-bred for generations going back through an unbroken five-generation line of heavy producers to 820-lb foundation matron, Onyx Pledge Dawning. The sire of "Onyx" is Commander Colantha Posch, 844-lb son of General Posch.

Here is your opportunity to own a son of Dunloggin King Var from one of New York State's greatest cows. He has 40 daughters in a good herd . . . **Menno Brocker, South New Berlin, New York.**

BROAD ROCK FARM, Peace Dale, R. I., consigns a 11 mos. old son of $6,000 Dunloggin Gracious Master from a 603-lb granddaughter of Quonquont Sir Modest. They are also sending a real pair of females, a 466-lb. 2-yr.-old daughter of "Gracious Master" from a 679-lb Dunloggin Confident daughter, and a double granddaughter of Dunloggin Fond Memory that is just a 2-year-old. Both heifers are bred to the son of "Gracious Master" from $12,500 1115-lb daughter of Governor of Carnation.

TRUNLAN FARMS, Millerton, N. Y. sends two sons of Fabet Burke Pilot, their son of Wisconsin Admiral Burke Lad. Both bulls are service age, one from a dam with 682 lbs. fat in 305 days, 3 yrs., 2X, 3.97%, and the other from a dam with four records from 546 to 650 lbs. A great heifer with 513 lbs. 305 days, 4 yrs. 2X, 3.9% due sale day to "Pilot" will accompany the bulls.

OSBORNDALE FARMS, Derby, Conn. A yearling son of Gold Medal Sire, Osborndale Sir Oliver Ormsby King from a "VG" daughter of Gold Medal Sire, Sir Bess Ormsby May 2d with 674 lbs. fat, 4y, 2X, 4.2%. His own 12 nearest dams, average 951 lbs. fat, 4% and his dam completes four generations that test over 4.1%. A remarkable test inheritance for this calf.

ELMER MARSHFIELD, Marcellus, N. Y., puts in a service age son of his Grand Champion, Mountfield Hello Piebe from a dam that made 654 lbs. fat, 3.9%, 4 yrs., 2X, only 360 days. She calved again in about 10 months so that she could show, thus the short lactation. She placed second in class at N. Y. A heifer comes with this bull, 2-yrs-old and nice, due sale time and from a 657-lb dam.

OTHER OUTSTANDING MALES: H. V. DeLong, Mexico, N. Y., sends a 557-lb. 2X yearling son of Crownhurst Plutocrat Perfection, his full brother topped 1947 Watertown Dairyland Festival Sale . . . L. R. Palmer, Wellsburg, N. Y. consigns a 510-lb. 2X fat bull . . . F. C. Whitney, Ilion, N. Y. puts in a yrlg. son of Abegweit Leatherneck from 462-lb. 2X daughter of Montvic Pathfinder, a lot of great breeding here . . . note details on Butterfly bull on back cover.

No. 251 in this Famous Earlville Series - Oldest of its kind in the world.

R. AUSTIN BACKUS - Sale Manager & Auctioneer - Mexico, N. Y.

All-American Calendars

Now Being Delivered

WE STILL HAVE A LIMITED SUPPLY OF THE HANDSOME 1950 ALL-AMERICAN CALENDAR—

☆ It reproduces on heavy enameled paper the large cuts of the 1949 All-American winners, with small cuts of the Reserve All-Americans.

☆ It presents a full 12-month calendar—very convenient for reference.

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☆ The price—only 50 cents each, mailed to you in a substantial container guaranteeing arrival in good condition.

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☆ Orders filled immediately, while they last.

Address—

Holstein-Friesian WORLD

(Calendar Department)

Lacona, New York

ment and maintenance of the soft tissues, the importance of which throughout life is well understood.

Factors which affect the oral environment are of special importance in the prevention of tooth decay. The value of flourine either especially applied or in drinking water continues to be demonstrated. (It appears to act as a protective film or through some other effect on the oral environment, rather than through the blood stream).

Caries results from a series of short-term decalcifications from acids arising from fermentations in the mouth or acid ingestion as such. A high sugar diet is one cause. Certain soft drinks are highly acid (pH3) and high in sugar (10 per cent) and their ingestion in excess contra-indicated.

Milk—A Protective Food

There is increasing evidence that milk helps protect. Milk is an important constituent of the diet which Boyd and Davis have found effective in arresting old lesions and lessening new ones. Anderson, et al (Proc. Soc. Expt. Bio. Med. **66**, 67, 1947) reports that animals (cotton rats) fed on a diet consisting wholly of liquid milk with iron, copper, manganese, and liver extract, were protected against dental caries in contrast to a dry ration containing sugar. Milk with added sugar did not fully protect but was much more protective than the dry ration. Milk gives the greatest protection as a liquid diet. Its fluidity may be important. (The consumption of soft drinks high in acid and sugar in schools, in place of milk, is an aspect which should be attacked both from the interests of better health and also to promote a larger milk market).

Because of the ideas held by many that the importance of milk as a food lies primarily for the young, and of the question sometimes voiced as to whether it is even a suitable food for adults, the recent findings of McCay in his lifetime studies with rats are of special importance. He fed rats throughout life on pasteurized milk alone supplemented with iron, manganese and copper. They lived as long and were as active as those on an excellent mixed diet. These rats never had any solid food. He concluded that milk can serve adequately as the sole diet throughout life and that it was not conductive to the onset of the digestive diseases of old age.

In this connection it is worth while to note the recent findings which disprove the idea that milk, because of its cholesterol content, may cause or aggravate arteriosclerosis. It is true that where cholesterol deposits are concerned blood cholesterol may be elevated and that high cholesterol diets have produced the disease in rabbits. Because of these findings and related ones people have also been advised by their physicians and by the popular press to avoid milk because of its cholesterol content which produces hardening of the arteries. Recent research, including that of Keys supported by the milk industry in part, failed to show that dietary cholesterol has a relation to the development of the trouble in man. If it did, milk would not be a factor anyway, because it contains such a small amount of cholesterol. Milk contains .012 per cent of cholesterol and this means only about a tenth of a gram in a quart. Butter supplies .028 per cent as against .012 per cent for

A SON

of a

Silver Medal Sire

(WINT. SELECT FOBES WALLACE)

and an

"EXCELLENT" 100,000-Lb. Cow!

"Not a weak place in his pedigree"

HILLCREST FARM

G. S. & HAROLD COWLES

Ashville, New York

LIZZIE WAS A LADY!

Yes Lizzie Pietertje Ormsby 376866 was a lady, and she was an 812-lb. fat daughter of Sir Pietertje Ormsby Mercedes.

Lizzie founded a family in our herd that we believe is one of the great transmitting cow families of the breed. 13 of our Lizzie-bred females have top Herd Test records averaging—
603.5 fat — 3278 — 2X.

These same 13 have 34 records (every record made on them) that to date average—
519.6 fat — 3326 — 2X.

And only 11 of these records were made at the age of 4 years or better—25 records from senior yearling to 3 years!

— — —

We have 27 offspring of Iowa's Bull of the Year for 1948, Sir Tritomia Transmitter 886176, one of the better sons of Sunbeam Pride Transmitter. Most of these 27 offspring stem from the Lizzie family.

We are now using a son of Sir Tritomia Transmitter and 2 grandsons of Wisconsin Admiral Burke Lad — but more on them later.

Zurcher Holstein Farm

EMIL ZURCHER & SON

Farmersburg, Iowa

milk. The intake thus provided is so small compared with the amounts which have produced the trouble experimentally as to be negligible. (Egg yolk contains ten times as much as butter, and eggs contain nearly twice as much).

Calcium in Milk

A development which has emphasized the importance of milk and more milk in the diet throughout life is the recognition of the need for more calcium than was previously thought. This year the Food and Nutrition Board, after a careful study of all the evidence, recommended that the adult calcium allowance be increased by twenty per cent. This recommendation was based upon balanced experiments and particularly on studies showing that calcium is well utilized in old age. Studies have been reported with older people showing clearly that 1 gm. of calcium per day is not enough.

The significance of this finding in terms of milk is that on the average our population received about seventy-five per cent of the calcium from whole milk or its products. There is a limit to the amount of the other calcium containing foods which can be consumed, and they are less palatable. We are not consuming enough milk for the country as a whole to meet the entire allowance and we certainly need more to meet the new one. Thus, there is need for more milk for all particularly in the adult—the period when its consumption is less likely to be kept up. On a country-wide basis there are areas and groups that need special attention.

Vitamin E

There have been some recent developments with respect to Vitamin E which are of interest to the dairy industry, from the standpoint of both production and its nutritive value. A report by Harris, et al (J. Nutrition **33**, 411, 1947) stated that tocopherol supplementation increased milk fat concentration by twenty-seven per cent and that the production of four per cent fat milk by twenty-one per cent. This very surprising finding which was obtained in a field study without adequate control has not been confirmed by later work. Inability to confirm the finding has been reported by Lusli and Whiting of Cornell, Phillips and others of Wisconsin and Gulickson and others of Minnesota. No significant effect on milk or fat production was obtained in any of these studies nor has any evidence been obtained that supplements of this vitamin are of any value in reproduction in dairy cows despite claims to the contrary.

Vitamin E is an important substance. It serves as an anti-oxidant and spares Vitamin A and essential fatty acids in the diet. In the tissues it stabilizes fat storage and is an intracellular anti-oxidant. It is responsible for various physiological changes which prevent reproduction in both the male and female, but there is no evidence that the usual ration of the cow or bull will be benefitted.

This photo taken at the recent Utah Dairy Federation breed meeting shows many of the key figures in Utah's growing Holstein industry. Seated at the table and discussing 1950 activities are: Maurice Larsen, Corinne, newly elected vice- president; Charles W. Warnick, Pleasant Grove, newly elected president; and G. S. Richards, Ryu Provo, secretary-treasurer. Shown standing are Seymour Mickelsen, Ephraim, director for Sanpete County; George H. Anderson, Richmond, director for Cache County; Ralph Robson, Plain City, director for Weber County and for the past two years the manager of the successful Utah Holstein Sale; and J. G. Plowman, Smithfield, immediate past president of the Utah Holstein Breeders' Association. Congratulations are extended to Jed Plowman for a job well done in serving as the president of Utah's Holstein Breeders' Association for the past 11 years.

Other directors not present when this photo was taken include: Harmon, Day, Draper; and Jack Thackery, Morgan.

—Photo by Merlin Clark, "The Utah Farmer"

Conclusion

It has been shown (Maynard's Review) that milk production provides the most economical way of using basic food resources for the production of animal products. This is due to the efficiency of the cow, to her ability to use coarse products and particularly to her rumen which manufactures important nutrients which must be fed in the non-rumen. Vitamins and amino acids which are so important in human nutrition are made in the rumen.

In conclusion, the recent advances continue to point to the desirability of natural foods as the source of nutrients, to a well balanced, mixed diet of such foods as the basis for sound nutrition and finally, to the unique ability of milk to safeguard and enhance the nutritional requirements of man.

10TH WARSAW HOLSTEIN SALE

In the 4-H Club Bldg., Fair Grounds, Warsaw, Indiana
On Roads 15, 25 and U. S. 30

SATURDAY — FEBRUARY 25th

— AT 12 NOON —

65 *HEAD OF TOP HOLSTEINS* 65

(55 Registered — 10 Grades)

COWS — HEIFERS — CLUB CALVES — BULLS

Consignments from Michigan, Indiana and Canada. Several "Good Plus" cows and cows with good records.

A very good selection of outstanding BULLS (all ages) including a grandson of Raymondale Ideal Successor from a high record dam.

All animals T. B. and Bang's tested — Many Calfhood vaccinated

INDIANA'S LEADING MARKET FOR QUALITY HOLSTEINS

LELAND J. OSBORN, Sale Manager & Auctioneer

WARSAW, INDIANA

36TH Anniversary Sale

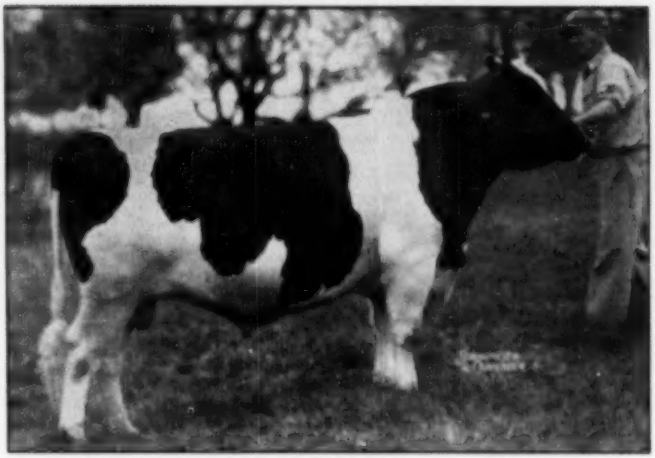
WAUKESHA
WATERTOWN

MONDAY—MARCH 27th
at
WAUKESHA, WISCONSIN

TUESDAY—MARCH 28th
at
WATERTOWN, WISCONSIN

150 - Registered Holsteins - 150

T.B. and Bang's Tested — Many Calfhood Vaccinated.
Sale Starts at 11 A. M. Each Day.



PABST COMET
Sire of the All-American Junior Yearling Bull.
One of the leading herd sires at Pabst Farms.
His Sire: WISCONSIN ADMIRAL BURKE LAD
His Dam: PABST BELMONT PRIDE PEARL

We Are Pleased to Announce That We Have Four of His Sons in the Sale This Spring

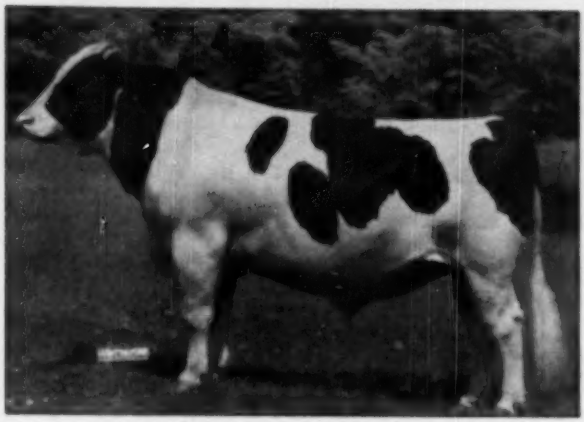
PABST COMET JULE
Born: August 25, 1949.
Dam: Pabst Burke Julia
700 lbs. Fat as a 3-yr.-old, 3.9% test. 672 lbs. Fat as a 2-yr.-old, 3.9% test. On test again as a 4-yr.-old with 422 lbs. Fat in 156 days. She is a daughter of WISCONSIN ADMIRAL BURKE LAD—Pabst Farms.

PABST SIR COROBUR STAR
Born: Sept. 22, 1949
Dam: Pabst Roburke Star, with 614 lbs. Fat as a 2-yr.-old, and on test again as a 4-yr.-old, with 323 lbs. Fat in the first 129 days. She is a daughter of Pabst Burke Inka Star, rated "EXCELLENT", and with over 940 lbs. Fat. This young calf is one of the most desirable calves ever to leave the Pabst-Knutson Farm.

Male — Born Dec. 28, 1948.
Dam: Peggy De Kol Roamer with 535 lbs. Fat as a junior 3-yr.-old, with a 3.8% test, 2X. On test again and in the first 40 days, she has 89 lbs. Fat with a 4.1% test. She is a daughter of Pabst Roamer—Gen. Weidman.

POND GATE PLAYBOY
Born: May 31, 1949.
Dam: S N Piertertje Papoose
356d 6y 5m 3X 21994.1 822.1 A. R.
356d 5y 11m 3X 16898.9 598.1 A. R.
365d 2y 7m 3X 15151.6 549.8 A. R.
This son of PABST COMET is a 3-4's brother to Pabst Roamer Belpearl, with 681 lbs. Fat, 2y, 3.9% test — the All-American 3-yr.-old of 1948—(Pond Gate Farms).

IN NEXT ISSUE, WE WILL TELL YOU MORE, ACCOMPANIED BY PICTURES, ABOUT THESE GREAT HERD SIRE PROSPECTS.



DUNLOGGIN LOCHINVAR PRINCE

His 12 nearest dams average 928 lbs. Fat 4% test. Leading herd sire at Elmwood Farms.

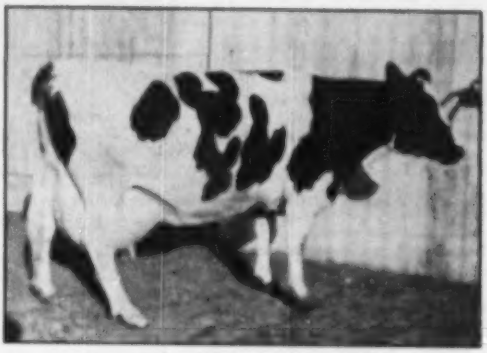
WE ARE FORTUNATE TO HAVE ONE OF his 3-yr.-old daughters — Skokie Prince Papoose, with 420 lbs. F, 2X, 2y 2m, 4% test, and heavy in calf to Skokie Prince Lilith, Senior Yearling and Grand Champion bull at the Illinois B & W Show, 1949.—ELMWOOD FARMS.

AMONG THE OTHER FEMALES—

A daughter of WISCONSIN IDEAL, from a 700-lb. fat dam, from the Wisconsin State Reformatory consignment of four head.

A 500-lb. fat cow, on 2X, Sprecker Bros.

A daughter of CURTIS CANDY D A RENOWN, from Curtiss Candy Renown Bess, with 600 lbs. fat as a 2-yr.-old, and heavy in calf to Curtiss Candy Dandy George.—Curtiss Candy Co.



KNEEDMORE BELLE WAYNE PIEBE 24

365d 9 y 2X 24854 M 4.0% 994.1 A.R.
Michigan Record all ages — 2X
365d 7½y 2X 23698 M 3.6% 856.6 A.R.
365d 6 y 2X 22933 M 3.6% 834.9 H.T.
365d 4½y 2X 18947 M 3.5% 672.1 DHIA
Six records total 109,131 M 3.7% 4091.7 F
SELLING — HIGH YEARLING SON
—Kneedmore Holstein Farms

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Palst Farms
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Eastern Iowa Arti. Breeding Ass'n
W. T. Rawleigh Co.
Kneedmore Holstein Farms
Wiseacres Farm
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A. C. Oosterhuis
Bo-Cann Farms
John Martig
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WATCH COMING ISSUES

For Information Write

BAIRD & DARCEY

WAUKESHA or WATERTOWN, WIS.

Junior Page - -

COW-GIRL MINUS BOOTS

By George Nichols

When Myrene Sprinkle of Sullivan, Ohio led her Holstein heifer into the ring to be judged in the FFA Show at Ohio State Fair last fall, several of the spectators thought that she was in the wrong division. When her calf "Chip," whose official moniker is Beauty Homestead Alegwitt, was pronounced champion Holstein in the FFA division, others were prompted to ask: "Just who is this gal, and what's she doing in FFA?"

As one girl among approximately 7,500 boys enrolled in FFA work in Ohio, she might easily be termed the state's most eligible tomboy. Possessed with an unusual amount of ambition and energy, her career in club work has been equally unique and fruitful as her ability to handle a calf at the end of a lead strap.

Reared on a 100 acre dairy farm where there's always plenty to do, and being the only child of Mr. and Mrs. Carl Sprinkle, Myrene found that during her first year in high school she didn't like to sew buttonholes and read cook books as required in the Home Economics course. Besides she got C's. Granted permission to enroll in FFA, for two years now she has been secretary of the local chapter. She makes A's on her projects all of which have been with dairy calves.

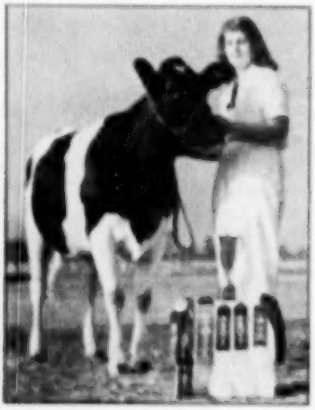
Even prior to her enrollment in FFA, Myrene had been a member of the local 4-H club. She has continued this work and is club president, however, according to rules she is not allowed to exhibit the same project in both 4-H and FFA. During 1948, she was secretary of the Ashland County Junior Fair Board.

In addition to winning a tackle of blue and purples at the state and local fair, her Holstein heifer "Chip" accounted for $54 in cash. A Guernsey heifer which she showed in 4-H brought home $70, and a coop of Leghorn chickens accounted for $5, making a grand total of $85 in show winnings last season. During eight years in club work she estimates her total winnings at around the $400 mark.

In an essay contest sponsored by the Ashland County Ohio Holstein Club last year Myrene copped first prize among 45 boy contestants. The title of the essay was "Why I Would Choose Holsteins For an Ashland County Farm."

During the summer Myrene takes the place of a regular farm hand, and helps regularly with the chores around home. She can handle a tractor in a hay field with equal proficiency as she handles a calf in the show ring.

Since graduation in June, Myrene is not quite sure what the future holds in the way of higher education. She is sure of one thing however—that her training in 4-H and FFA will be a valuable asset.



MYRENE SPRINKLE

400 DAIRY CLUB RECEIVES AWARDS

Above, Robert Dutcher of the 400 Dairy club, Pines, N. Y. receives from Mr. A. L. Jones of Philadelphia, representative of Sears Roebuck foundation his prize-winning check for his work in the State 4-H'er Demonstration Program.

Robert has already won several awards with his demonstration "How to Register a Holstein Calf."

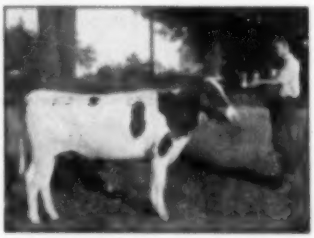
Other winning club members include, left to right, John Poulin, Robert Burghart, Clifford Olmstead, Max Dutcher and Kaye Field.

All are members of the 400 Dairy club under the direction of Minnie Jenkins. The awards are made in their new club rooms at the Earl Pierce home. Other winning demonstrations in addition to Robert's include the following: "Hay Rack Construction" by Clifford Olmstead; "Size Important In Cows," by Robert Burghart; "Mastitis Control," by Kaye Field; "Barn Ventilation," by Max Dutcher; "Feeding Dairy Calves," by John Poulin.

Others in the county receiving awards were: Ronald Palmer of Meridale, "Getting Cattle Ready for Show"; John E. Johnson, Meridale, "Herd Classification"; Roy Palmer, "Records and Pedigrees"; Mahlon Palmer, Meridale, "Cleaner Milk"; Ralph Baxter, Roscoe, "Bigger Profits from Better Type"; John Babel, Andes, "How to Open a Feed Bag"; Robert Utter, Stamford, "Selecting a Cow"; Ray Page, Stamford, "Estimating the Weight of Cattle"; Joseph Moore, Stamford, "Care of Milking Machines."

Robert Utter, Roy Page and Joseph Moore received honorable mention.

McCarrell Carter, II, of McDonald, Pa., is a junior member and grandson of Tom McCarrell, of Washington. His father is Alvin D. Carter of Ellen Dale Farm, near Hickory, Pa. His calf is a son of Barrson Concentrate Ormsby from the Excellent cow owned by Carters, Ellen Dale Farm Pride Ormsby. McCarrell is helping his father with a very interesting erosion project and today is producing good alfalfa and is making grass silage. They evidently have built a fine farm through contouring, fertilizing and liming over a period of years.



A new breeder, William Randall, Ludlow, Mass., and one of his first six head purchased. She is by a grandson of Baker Farm Dunnfleen. William was originally a 4-H member and is a junior member of the Holstein-Friesian Ass'n of America. Now 17 years of age.

MAUD ORMSBY JOHANNA SEGIS LASS

John E. Stump, R. D. 3, Galion, Ohio, with Maud Ormsby Johanna Segis Lass, his 4-H heifer purchased from Steel-Hill Proving Farm, Mansfield, Ohio. The heifer was 1st and champion of the 4-H Club show at Crawford Co. Fair, 1948. John won the halter on his heifer as second prize in the showmanship contest.

"THE DUNLOGGINS" OF OHIO

THESE LEADING BREEDERS ARE CARRYING ON THE BLOODLINES THAT MADE DUNLOGGIN FAMOUS

Opportunity Knocks But Once

All of our bull calves from Durkmaster dams and by our Sovereign bull are sold but one. This October calf has an exceptional pedigree. One of the best calves we have had in a long time.

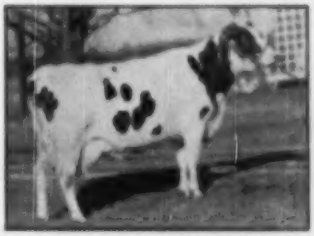
If you want more milk tomorrow, better see about this fellow today.

TEMPLEOGUE FARMS

R. D. 2 — Hudson, Ohio

DOUGLAS HAWK & SONS, Phone Twinsburg 5260

Want the Son of "Melinda"?



SMITH HAVEN RAG APPLE MELINDA

3y 2m 365d 2X 13242 3.9% 493.7
6y 9m 355d 2X 14426 4.6% 653.0
3y 2m 365d 2X 11285 4.4% 489.5

She is a daughter of Montvic Rag Apple Achilles (twin brother to "Ajax", by Lochinvar from Montvic Bonheur Hartog, 1155 fat). The calf, born Jan. 22, 1950, is by Dunloggin Wonder Yar, son of Lochinvar from Dunloggin Confident Queen (711-lb., 4% 7yr-old double granddaughter of Woodmaster from Mistress Queen).

SEND FOR PEDIGREE AND PRICE

LARWOOD FARM

DAMASCUS, Ohio

Glenn Shreve, Owner — John Blaisman, Herdsman

OUR JUNIOR SIRE

FLEET WINGS DELMASTER LYNN 1082598

His dam is one of the great cows in our foundation group — DUNLOGGIN MISTRESS LEEEN, daughter of Woodmaster out of the 706-lb. daughter of "Adeen." Mistress Leen made 730 lbs. 3.9% as a jr. 2-yr-old, Ohio State Record; 799.7 lbs. at 4½y; and her latest record of 875 lbs. fat has not yet been reported.

This flashy youngster is sired by Confideen Melody Master, whose sire is a double grandson of Woodmaster, and whose dam, the 496-lb. Confident Adeen, is by Confident and out of "Adeen." He'll be 2 in July.

DELWOOD FARM

DAMASCUS, OHIO

Don Phillips, Owner — Rod Phillips, Manager — Alex Inches, Herdsman

Caroldale Master Pride

Our New Junior Sire

CAROLDALE MASTER PRIDE

We think he's one of the best individuals at his age we have ever seen. Sired by our senior sire, Dunloggin Ormsby Master Sylvia (see previous ads), his dam is the great brood cow, Cornell Pride Lassie (E.), 802 fat. She the dam also of "Joyce" the 1942 All-American heifer calf. We have her 3-year-old daughter by Luxmaster, the classiest thing in our entire herd. Another daughter by Woodsman went to Otco Farms at $2100 in the 1947 Wolverine Classic. The 12 nearest dams of this young sire average 850.5 lbs. fat, 23525 milk, 3.6%.

CAROLDALE FARMS

DAMASCUS, OHIO

C. T. SHREVE, Owner — ELGIE BOYLE, Herdsman

WANTED—New Home For Good Bull Calf

Sussex Inka Progressor

Born Dec. 6, 1949. 95% black. A good individual, and full brother to blue ribbon winner at 1949 Atlantic Rural Exposition, 4th Maryland State Fair.

— HIS SIRE —

WIMBLEDON INKA EMPEROR (VG) Our son of Carnation Emperor from Carnation Inka Houwtje Segis, twice 600-lb. daughter of Sir Inka May and dam of the 1st prize produce at the 1939 Maryland State Fair.

His dam: Emperor Happy Superior Ormsby 2304378

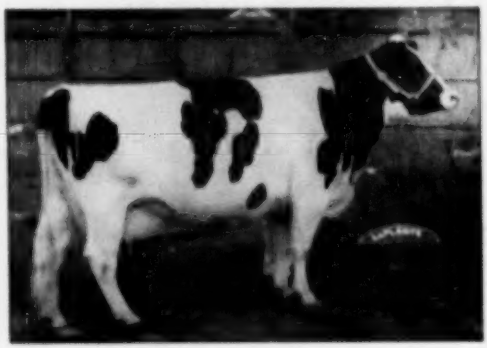
2y 3m 350d	— — —	10750 M.	3.9%	418.5 F.
3y 3m 281d	— — —	10027 M.	4.0%	397.8 F.
4y 3m 308d	— — —	12719 M.	4.1%	525.3 F.
5y 4m 318d	— — —	15609 M.	3.8%	590.1 F.
7y 2m 316d	— — —	15991 M.	3.8%	612.2 F.

She is sired by a VG plus-proven (HIR) paternal brother to Wimbledon Inka Emperor, and her dam has 5 good records up to 635 lbs. fat with a total of over 100,000 lbs. milk, she also by an HIR proven bull (Oostie Superior, with 1 E, and 9 VG daughters). The third direct dam made 555 and 460 lbs. fat at 11 and 12 years, respectively.

SEND FOR PRICE AND FULL DETAILS ON THIS ONE!

Sussex Farms TULL BROS., Owners H. T. PIERCE, Herdsman **Seaford, Del.**

Great Bulls Have Great Dams



ELMCROFT QUEEN R. TRIUNE
All-American 4-Year-Old, 1949
All-Canadian 4-Year-Old, 1949
2y 365d 3X 15139 M. 686 F. 4.40%
5y 365d 5X 16836 M. 747 F. 4.43%
Daughter of Montvic Rag Apple Triune (XXX).

ELMCROFT QUEEN R. TRIUNE (left), 1949 All-American and All-Canadian 4-year-old, is the dam of our junior herd sire—

ELMCROFT ARISTOCRAT.

This young sire, born July 20, 1948, is by the famed Montvic Monogram, XXX — Extra — Century Sire, and the son of Montvic Pathfinder from the Chieftain daughter of "Abbie" — which gives him a heritage backed by many other All-American awards.

White Hill Farm

POPLAR GROVE, ILLINOIS

E. H. ELLINGSON "Father" DONALD F. ELLINGSON "Son"

CUMBERLAND VALLEY SALE

Catalog Summary		
36 Females 2y & over	$14,580	$405.28
(30 calves under 3m sold with dam)	1,201	66.85
1 Bred yearling	265	265.00
1 Heifer calf over 3m	260	260.00
1 Bull over 3m	500	500.00
39 head	$17,806	$456.92
Grades	1,315	
	$18,351	

The Cumberland Valley Sale, held January 25, at the Clyde W. Goell farm at Greencastle, Pa., offered animals, mostly Canadian-bred, selected and sold by the R. Austin Backus sales organization, Mexico, N. Y. Prices went to $775 with a total of nine selling for $500 and over, and the average of $456 for 39 head of purebreds was considered satisfactory. Pennsylvania and Maryland breeders comprised the buyer's list.

Top price for the day was $775 paid for Hester Ormsby Pontiac, a 6-year-old granddaughter of King Bessie Ormsby Pietertje 4th, a double XX son of King Bessie Ormsby Pietertje. She was consigned from the herd of Charles L. Acres, Vernon, Ont., and purchased by Joe Allen Baker, Waterside, Pa.

Osborndale Farms, Derby, Conn., sold a young son of Gold Medal Osborndale Sir Olive Ormsby King out of a 665-lb daughter of Gold Medal Sir Bess Ormsby May 2d, to William F. Metcalfe, Indian Head, Md., for $500, top price for males.

The buyers and details on animals selling for $500 and over:

Joe Allen Baker, Waterside, Pa.
Hester Ormsby Pontiac (6-43) $775
(Charles L. Acres, Vernon, Ont.)
William W. Lowry & Sons, Shakeville, Pa.
Betty Alcartra Piebe (1-41) 600
(Allen E. Baxter, Bloomfield, Ont.)
James G. Williamson, Bellewood, Pa.
Adeline Bonerges Ormsby (3-46) 600
(Archie Gould, Renfrew Ont.)
Clyde W. Goell, Chambersburg, Pa. (5)
Amy Rag Apple Segis A (8-46) 550
(Estate G. A. Mac Naughton, Finch, Ont.)
Jackbro Dixie Ormsby Inka (3-47) 500
(H. W. Samson & Son, Vernon Center, N. Y.)
Robert H. Weity, Fairfield, Pa. (7)
Queen Bonheur Brookholm (3-42) 500
(W. R. McMenomy, Inkerman, Ont.)
J. S. Snowberger, Waynesboro, Pa.
Back Hill Dainty Burke (4-46) 500
(Claude Young, Bristol, Que.)
Harwil Pietje Della (2-47) 500
(W. R. McMenomy)
William F. Metcalfe, Indian Head, Md. (2)
Male (2-49) 500
(Osborndale Farms, Mrs. W. S. Kellogg, Derby, Conn.)

Other buyers were: Irvin Baker, McConnellsburg; J. C. Parrish, New Freedom; J. N. Danelson, James Creek; David Negley, Greencastle; Daniel M. Myers, Waynesboro; W. C. Thrush, Carlisle; Norman Hollenshead, Needmore; Pete Jafko, Conneautville; Edward Hendershott, McConnellsburg; T. K. Fouse, James Creek; Daniel Myers, Waynesboro; Merle S. Cordell, Greencastle; Harry L. Clevenger, McConnellsburg; Harry E. Baer, Chambersburg; R. M. Weir, Shippensburg; Stewart H. Wagner, Stoystown; Isaac Risser, Greencastle; Carl E. Robinson, Chambersburg, Pa.; Robert G. Rickman, Mt. Airy; Edgar C. Virts, Knoxville, H. McHenry, Hagerstown; John N. Carbaugh, Clearspring; Edgar C. Virts & Son, Jefferson; and Chas. W. Rhoderick, Jr., Unionville, Md.

Statistical data furnished by R. Austin Backus, Mexico, N. Y.

BIRD GARDEN SPOT

(Held January 19 at Lancaster, Pa., under management of R. Austin Backus, Mexico, N. Y.)

Catalog Summary		
29 Females 2y & over	$6,295	$324.52
(4 calves under 3m, sold with dam)	215	54.30
2 Bred yearlings	595	297.50
1 Heifer calf over 3m	100	100.00
3 Bulls over 3m	1,040	346.66
36	$11,590	$322.17
Grades	505	
	$12,195	

The buyers.

The buyers were: Christ F. Beller, Honey Brook, Benj F. Beller, Elam H. Beller, Paradise; F. L. Hollman & Son, Walter L. Hartman, Lebanon; Stanley Kreider, Drumore; J. Ellis Landis, Lancaster; Donald C. Leer, York Springs; John B. Loesenby, Lititz; Raymond A. Moyer, Souderton; Hubert S. Miller, Myerstown; Isaac H. Yates, Jr., Newton; Lee C. Webber, Myerstown; N. A. Rittenhouse, Lansdale; Edward D. Newhard, Easton; Elmer H. Charles, Washington Boro; Lee A. Cheek, Oxford; Elmer D. Esh., Ronks; Francis Grubb, Lincoln University; Timothy H. Gehman, Macungie; Daniel C. Gates, Hershey; A. Charles Graybill, Lititz; John L. Zook, Gordonville; Paul L. Zeager, Elizabethtown, Pa.; Paul E. Drummond, J. H. Barnes, Middletown; Kenall Coverdale, Felton, Del.

Statistical data furnished by R. Austin Backus, Mexico, N. Y.

NEWER METHODS FOR CLEANING MILKING EQUIPMENT

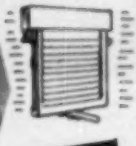
★ Reduce Bacteria Counts ★ Bigger Milk Checks ★ Time and Money Saved

KEEPS ALL PARTS AND RUBBER FREE OF MILKSTONE

COMPLETELY EMULSIFIES AND REMOVES GREASE

KEEPS EQUIPMENT SPARKLING AND FREE OF FILM

QUICKLY AND SAFELY DESTROYS BACTERIA



KLENZADE FARM QUALITY PROGRAM

Thousands of dairy farmers all over America are daily proving the amazing efficiency and low cost of Klenzade newer and better cleaning methods. Milkstone and lime film disappear like magic . . . and stay away. Test cups and milker tubes come clean as new. Milking machines, separators, pails, cans, coolers sparkle with cleanliness . . . sweet, clean, thoroughly and completely sanitized. And the entire program is quick, simple, easy, safe . . . safe for equipment and safe for hands. A matter of minutes . . . drudgery gone. Klenzade Kleer-Mor emulsifies and removes heaviest soil, fats, and grease. Klenzade Nu-Kleen dissolves lime and milkstone; used alternately with Kleer-Mor. Klenzade X-4, powerful safe germicide destroys bacteria; sanitizes all equipment. Start now with the Klenzade Program . . . dairyland's finest, most modern cleaning methods for bigger milk checks. Ask your dealer.

WRITE FOR Free CLEANING INSTRUCTIONS

KLENZADE

KLENZADE PRODUCTS, Inc.
BELOIT WISCONSIN
Cleaning and Sanitation Specialists Serving the Dairy and Food Industries
BRANCH OFFICES AND WAREHOUSES THROUGHOUT THE NATION

New . . . and Newsy

New Way to Store Crops

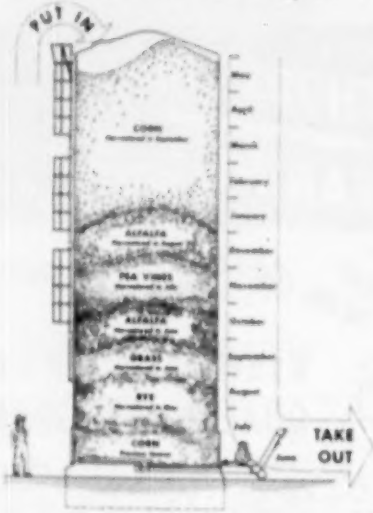
The Harvestore mechanical crop-storage units developed and field-tested by the A. O. Smith Corp., offers many opportunities. The standard structure is 14 feet in diameter and 40 feet high and has a capacity of about 149 tons of corn silage. The walls are thin sheets of steel to which glass has been fused both inside and out. The Harvestore is air-tight and is unloaded from the bottom by a mechanical device that delivers hundreds of pounds of silage per minute.

VERSATILITY OF HARVESTORE STRESSED

HARVESTORE SYSTEM
of Crop Preservation

The simple fact that the Harvestore is loaded from the top and unloaded from the bottom, changes the whole concept of storing crops for fodder. It is this feature that sets it apart as a completely new piece of agricultural equipment, reports A. O. Smith Corp., and makes the Harvestore an endless processor of crops that serves the farm 12 months a year.

For complete free information of the Harvestore and the Harvestore system of preserving crops, please write to A. O. Smith Corp., Farm Equipment Division, Milwaukee, Wisconsin. Please mention the "WORLD when writing.



This diagram illustrates the year-round use to which the Harvestore can be put. One crop is ensiled on top of another, whenever ready and whatever its moisture condition. The unloader is ready at any time of the year to deliver feed as needed.

Udder Support for Udder Health

Hot epsom salts, boric acid, or penicillin solution can be most effectively used with the udder support pictured at the right. Since the support is waterproof, the treatment can be kept at the proper temperature and for sufficient time to materially reduce swelling, it is claimed. After the treatment the support can be left in place to let the body heat continue to more effectively combat mastitis. Another important use is on springing and fresh cows; swelling is said to be kept down and danger of damage eliminated from cows stepping on teats or injuring udders. This support also aids cows with large udders in transit. For further information, write to Frankesville Specialty Co., Frankesville, Wis.

Mr. Tamm, a well-known breeder of dairy cattle, demonstrating the Tamm Udder Support which is manufactured by the Frankesville Specialty Co.

New Free Bulletins

A new 32-page color catalog of its full line of forage harvesting equipment is now being offered by the Fox River Tractor Company. "The History of Modern Forage Harvesting" also presents an interesting story of the pioneering work done by Fox in the development of modern forage harvesters. For your free copy write Bill Sonenberg, Fox River Tractor Co., Appleton, Wis.

Owens-Corning Fiberglas Corp. announces a new farm building plan service. For a chart of the plans please write to the above firm at 216 East 125th Street, New York, N. Y., and mention the "WORLD".

THE '45TH' SALES RING

Whether you live in the West, East or South, there's a "45th" breeder near you. We will gladly put you in contact with our members. There are nearly 50 of us in several states who are cooperating to tell you the good points of our cattle. We would like to help new breeders with foundation stock. We have proven sires for your consideration. Most of our offerings are from proven sires and proven dams.

LOT # 12 — Born April 12, 1949. A real prospect for breeding or fall shows. A son of a "45th" bred cow with 18,891 milk and 657 fat on 2X. Sired by a line bred "45th" bull whose daughters are doing wonderfully well. Several excellent animals in this bull's pedigree.

LOT # 15 — Heifers of breeding age, yearlings or calves, from cows with records up to 600 lbs. on 2X in DHIA and Herd Test.

LOT # 16 — Bull Calf sired by an excellent grandson of "45th." His first 13 herd test daughters ave. 12,670 milk and 454 fat. Dam has 11,140 milk, 440 fat as a 2 year-old. Now milking 65 lbs. milk second calf. She is sired by an excellent son of "45th." Priced right to sell quick.

LOT # 18—Son of an Excellent sire and from a Very Good dam. Her best record 16,951 lbs. milk, 683 fat with 4% test on 2X. Now has over 100,000 lbs. milk with 4%. A rare opportunity to get a grandson of two excellent sires. Line bred "45ths" are doing a grand job of increasing production with test.

LOT # 42—Your choice of 3 sons of a Gold Medal Excellent Sire. Half interest at moderate price will be considered. Buyer to have use of bull for first two years. Dams have records in HIR with tests from 3.7 to 4.0%. Several Excellent animals in their pedigrees.

LOT # 50—Will sell son of an Excellent Gold Medal Sire and from a State Class Leader. You can see his yearling daughters in our herd. Very popular family of strictly "45th" breeding. Inbred "45ths" have done very well in an outcross.

Calves for 4-H Clubs available. Let us put you in touch with our active membership. Write Secretary:

"THE '45TH' BREEDERS"
BOX 86
Highland Park, New Jersey

(Photo by Ewing Galloway)

THRIFTY YOUNG STOCK MEANS BETTER FUTURE HERD PROFITS!

(And "45ths" Are Noted as "Good Keepers.")

Consistent herd performance always points to success because it means bigger milk checks and profitable week-in, week-out operation. A big part of this sound program for consistent herd performance is the raising of thrifty young stock. Besides good management and care, it is good insurance to use a top-performing bloodline, such as the "45th" in your breeding program.

Their performance is consistent and for years they have been noted for more and better profits — not only for their original owners, but wherever they have gone into other breeders' herds.

One sound way to bring into your herd some profit-making "45th" blood is to use a promising "45th" bull calf. Right now there are some outstanding ones available from established "45th" breeders. The "45th" **Sales Ring** on the opposite page has many unusual offerings this month. Write the Secretary to get the details on the lot numbers that interest you. Or better still, state your requirements and the Secretary will tell you where they may be filled.

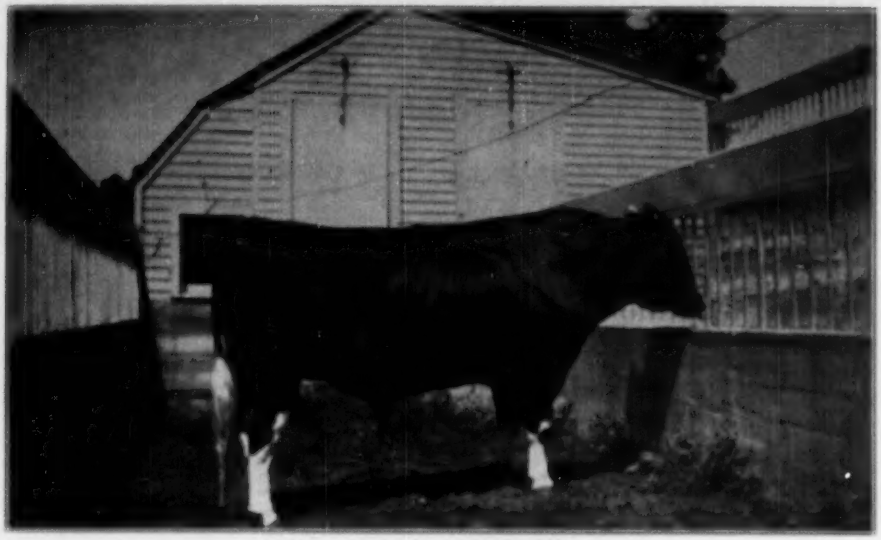
NO WONDER BREEDERS ALL OVER THE COUNTRY ARE SWITCHING TO "45ths." THEY KNOW THAT "45ths" ARE NOTED FOR:

1. **Uniformly high production on 2X milking.**
2. **Herd-wide high test.**
3. **Moderate prices for foundation animals.**
4. **Consistently good type.**
5. **Building more and better herd profits.**

SEE THE SPECIAL OFFERINGS IN THE SALES RING ON THE OPPOSITE PAGE

"THE '45TH' BREEDERS"

represents breeders of fine Holsteins from Maine to California and Canada to the Gulf.



DUNLOGGIN DESIGN 720100 (E.-G.M.)
Nov. 27, 1939—January 12, 1950

Dunloggin Design—A Great Sire Passes

The great pride of Mark Keeney's heart was Dunloggin Design. It was the selection of this young son of Dunloggin Woodmaster that prompted the original Bullphilosophy—which in turn was the start of the best selling book, **Cowphilosophy**.

Woodmaster was then just a young bull himself, with only a daughter or two in milk, but Mark correctly appraised the future of this line, and with Paul Misner's help made the selection of this particular son in 1937. Woodmaster came on to fulfill his early promise, and Mark lived to see Design become an Excellent Gold Medal Century Sire, and to almost make over the long established Overbrook herd.

Art Curren, who was at Overbrook during the whole span of Dunloggin Design's life, sends us the following data. We publish the information now as a matter of record. The full story of Design will not be written for many years.

From the latest information available, Dunloggin Design has 114 classified offspring, of which 109 are daughters and 5 sons. Their average score is 82.85, including 3 Excellent, 34 Very Good, 51 Good Plus, 22 Good and 4 Fair. Of the four latter one was classified at Overbrook and was disposed of before reinspection, one was sold as a calf, and two were the results of artificial insemination in other herds.

In the production score he has 121 tested daughters with a total of 368 records that averaged 358.4 lbs. fat actual figures. Of these 27 were 2X records in other herds, and 7 of them were records made on 2-year-olds that were not completed due to misfortune of some kind or other. This group of records averaged 314.3 lbs. in an average of 248 days. Ninety-eight two-year-olds at Overbrook with lactations of 300 days or more average, actual figures, 340.1 lbs. fat; and thirteen 2X two-year-old records in other herds averaged 414.1 giving him a grand total of 118 two-year-olds that averaged 352.8 lbs. Fifty-one daughters have a total of 119 records from 600 to 919 lbs., four of these being 2X and the balance 3X at Overbrook. At the present time, according to Art Curren's figures he has 13 daughters that have exceeded 100,000 lbs. of milk in their lifetime. There will be more, and at Overbrook they feel he might even surpass old Bell Farms Suzone, who now has twenty-one 100,000 lb. daughters, and with only four or five more chances of any additions to his total.

While Dunloggin Design was not selected primarily with the thought of increasing test, this has been the result of his use at Overbrook. Nearly every daughter of Design tested higher than her dam. The Overbrook herd average for over two years has been 3.8%. Currently in the first test of the new year 81 cows at Overbrook produced 1415 lbs. milk 55.9 lbs. fat with a 3.92 test and all but six of these were descendents of Dunloggin Design. These included many double granddaughters, while a great many of the younger females have three and four crosses of his blood.

Design has two Gold Medal sons, Sir Marksman Design and Sir Lothian Design and two other Silver Medal production sons, Markmaster Design and Right Royal Design. In addition to these sons he has many scattered all over the country that have done exceptionally good jobs.

He still has quite a few daughters to be heard from, some are milking in their first lactation, others range in age from baby calves up to bred heifers, and there are about a dozen cows in the herd due to his service, and also a couple of cows bred to him that have not yet been examined for pregnancy. Obviously it will be many years before the entire story on Design can be written.

Only a comparatively small number of daughters of Design have gone through the sale ring, mostly through the New Jersey State Sale. A notable exception was Dunloggin Design's Queen, sold as a calf to Joe Canby for $4100 in the Dunloggin Dispersal and later acquired by The Hedge in the Curtiss Candy Classic at $8600. In the 1949 New Jersey State Sale, Essex Moosie Tessie Design sold for $2200, the highest price ever received for a female in this sale series. Several others have brought from $1000 to $1100.

The death of Dunloggin Design at Overbrook leaves as the senior sire the Gold Medal bull, Dandy Conqueror, he being assisted by two sons of Design, Milkmaster Design and Sir Rainbow Sensation Design, also two grandsons, The Laird of Essex and Laird Design.

DEEN VAR OR KING VAR

"Which is the Better Bull?"

We have been asked this question many times and our answer has been—"They are both good."

Eight daughters of each bull have now completed records in our test barn — no selection — no culling.

HERE THEY ARE:

DUNLOGGIN DEEN VAR				
Name	**Age**	**Length Record**	**Milk**	**Fat**
Onallee	2y 3m	311	15510	546
Lila	2y 4m	322	18690	544
Crystall	2y 4m	302	15810	567
Rita	2y 4m	348	17380	661
Stella	2y 4m	349	14940	487
Polly	2y 4m	365	18257	566
Rose Mary	2y 6m	365	15395	547
Perfection	2y 1m	365	12480	480
Average	**2y 4m**	**341**	**16058**	**549**

DUNLOGGIN KING VAR				
Name	**Age**	**Length Record**	**Milk**	**Fat**
Linda	2y 5m	331	15080	510
Papoose	2y 3m	303	13560	506
Janet	2y 9m	365	15777	541
Karen	3y 0m	365	19906	649
Anne	3y 0m	365	20791	688
Queen	2y 10m	284	12010	478
Ina	2y 7m	352	17370	645
Joyce	2y 4m	355	16710	554
Average	**2y 8m**	**347**	**16400**	**571**

Seven of these 16 heifers were members of our show herd while on test!

Remember . . . four daughters of Deen and King placed 1, 2, 3 and 4 in the 3-year-old class at the 1949 New York State Fair. In the same good show a Get of King Var was first and a Get of Deen Var was second.

WE ARE JUST AS PROUD OF THE SHOWING THEY HAVE MADE IN THE TEST BARN.

What can we Expect of the Future?

We are happy with the thought of it. There are a number of other 600-lb. 2-year-old records in progress and thirty more daughters of Deen and King will freshen by mid-summer.

The Deen's and King's in their second lactation promise to greatly increase their first-calf records.

Rosemary	**320 days at 3 years—17730 M.**	**654 F.**
Perfection	**183 days at 4 years—10610 M.**	**398 F.**
Stella	**143 days at 3 years— 8580 M.**	**324 F.**
Queen	**71 days at 3 years— 4710 M.**	**199 F.**
Ina	**38 days at 3 years— 3205 M.**	**133 F.**

HARDEN FARMS — Camden, New York

Glenafton Rag Apple Leader 177484 (XX), Born April 7, 1944.

GLENAFTON RAG APPLE LEADER

One of the Greatest Sons of MONTVIC RAG APPLE MARKSMAN

Selling With 18 of His Daughters at

Oak Meadows Farm, Brantford, Feb. 27

Recent added personal commitments by Mr. Trepanier which include a trip to England and the continent of Europe, make it necessary to disperse the Oak Meadows Holstein herd. Excepting a half dozen young Leader daughters and a few old or blemished cows that are to be retained as a new foundation, the herd sells in its entirety.

TO DATE NO EXPENSE HAS BEEN SPARED

In laying the herd foundations Mr. Trepanier spared no expense in his selections. Glenafton Rag Apple Leader the herd sire, is a son of Marksman, from a 4.74%, 20,667 lb. daughter of Montvic Posch Chieftain—she in turn being one of the best and most richly bred high-fat Montvic females in Mr. McCague's herd.

EIGHTEEN LEADER DAUGHTERS SELL WITH THEIR SIRE

These Leader daughters are, of course, from the more mature catalogued entries, most of which are top production cows. As many as six have production records ranging from 18,000 lbs. to 21,000 lbs. Others have splendid heifer records, with more coming up in their present lactations.

HIGH ON PRODUCTION — HIGH ON CLASSIFICATION

Combined with the above mentioned productions scores the herd shows also a Classification Score that possibly has not been equalled in an Ontario Dispersal for some time. The sale catalogue lists one "Excellent", five "Very Good", five "Good Plus", two "Good", as well as others that are splendid prospects for higher ratings.

ALSO THE RICHEST OF BLOOD LINES

The catalogue summary shows in addition to the 18 daughters of Glenafton Rag Apple Leader, one son and one daughter of Montvic Rag Apple Marksman; one daughter of Montvic Rag Apple Sovereign; one daughter of Elmcroft Sylv-O-Gram; one daughter of Paul Texal Rag Apple, etc., etc.
With the exception of the seven mature females bred to Leader, services are all to sires in the Oxford County Unit. Four are bred to Elmcroft Sylv-O-Gram; 5 to Hoekholm Sovereign, one to Montvic Emile Lochinvar and 3 to Pabst Robocka Lad.

From all angles, type, production and blood lines, this offering is one that is certain to be appreciated. Be with us at Oak Meadows Farm, situated 2 miles west of the City of

BRANTFORD, ONTARIO, MONDAY, FEBRUARY 27, 1950

Herd Fully Accredited — Vaccinated — Blood-Tested

For catalogues address
J. O. TREPANIER,
Owner

(Sale at 1:30 P. M.)
Oak Meadows Farm

L. E. FRANKLIN,
Auctioneer
Brantford, Ontario

WOLVERINE NO. 29 HAS $4000 TOP

Catalog Summary

51 Females		
2 Yrs. & Over	**$20000**	**$410.96**
(6 calves under 3 mos. a.w.d.)	435	72.50
2 Open Yearlings	530	176.67
1 Heifer Calf over 3 mos.	145	145.00
16 Bulls over 3 mos.	8560	535.31
71 Head	**$30640**	**$431.48**

The 29th Wolverine Sale in the series under management of C. B. Smith held Dec. 10 at Williamston, Mich., in the Wolverine pavilion, was highlighted with a $4000 top figure, paid for the 6 month old bull calf, Glenafton Captivator. He went to Dr. F. H. Stires, Canton, Ohio, where he will see service in the Rag Apple herd which Dr. Stires is building. Captivator is a son of Glenafton Enchanter, the son of Montvic Rag Apple Marksman which sold for $17,100 in the Ruthven dispersal. The dam is Glenafton Laurel Maud, "VG," and the highest record daughter of Marksman with 1020 lbs. fat, on 5X at 5 years. The consignor, as the prefix indicates, was Glenafton Farm, owned by J. J. E. McCague, Alliston, Ont. Seven others sold above $500 with the top female, a Canadian-bred female also going to Dr. Stires. Buyers were on hand from Indiana, Ohio and Michigan. Auctioneers were C. B. Smith, C. B. Smith, Jr. and Glenn Casey.

The buyers and details on those selling for $500:

Dr. F. H. Stires, Canton, O.
(M) Glenafton Captivator (5-43) $4000
(J. J. E. McCague, Glenafton Farm, Alliston, Ont.)
Tower View Baroness Emily (2-47) 610
(C. B. Smith, Williamston, Mich.)
Arthur Smith, Otter Lake, Mich.
(M) For-Mar Man-O-War Successor (3-47) 675
(Delbert Conley, Alma, Mich.)
Harry De Loco, Lansing, Mich.
Maple Lea L. O. Minnie (1-48) 600
(C. B. Smith)
S. J. Emmons & Son, Morenci, Mich.
(M) Barulmn Gayblade (9-48) 550
(Ray Ullmann, Manchester, Mich.)
R. W. Brands, Grand Blanc, Mich. (2)
Glenness Echo Posch (11-44) 530
(E. B. Boller & Sons, Embro, Ont.)
Jacob Heberling, Carsonville, Mich.
F. B. Nancy Burke (8-45) 510
(Fox Bros., Guelph, Ont.)
Chas. A. Lornard, Muskegon, Mich.
Maple Lea Governor Flossie (6-44) 500

Other buyers were: Nelson Tisdale, Midland; Henry Wohlert, Lansing; Franklin Wegal, Kent City; Chas. & Marie Walkington, Greenville; Chas. E. Viele, Vermontville; Raymond Darbee, Holland; Hermon Gamble & Son, Hudson; Clayson Gray, Webberville; Allan Fach, Rose City; Robert Foster, Howard; & Ellen Foster, Fairgrove; Frank W. Marshall, Stockbridge; R. L. Musch & Son, Brighton; F. K. Merkley, Flint; Lakefield Farms, Clarkston; Patrick Kavanagh, Carson City; C. D. Knechtel, Durand; Phillip Kindinger, Stockbridge; Orville L. Conley, St. Louis; Richard L. Cheney, Mason; Maurice Benham, Homer; Glenn L. Bancroft, Flint; V. J. Brown & Son, Jonesville; A. L. Arnold Jr., Owosso; Rowland Allen, New Lathrop; James L. Jones, Nashville; L. E. Johnson & Son, Charlotte; John D. Horst, Akron; Wm. C. Heppner, Jr., Pinconning; Chas. Syles & Sons, Owosso; Fred Spaling, Corunna; Hiram Sackett & Son, Stanton; Frank Spoor, Ceresco; C. B. Smith, Williamston; Edwin Rayle, Cass City; C. G. Richardson, Pontiac; Barulmn Farm, Detroit; Arthur Radke, Owen-

dale; Laurence Reed, Corunna; Verne William Phipps, Carsonville; Oscar Paul, Ann Arbor; Milton J. Osborn, Applegate, Mich.; Mark Crain, Fremont, Ind.

Statistical data furnished by C. B. Smith, Williamston, Mich.

RAY J. KORTH DISPERSAL

(Catalog Summary)		
28 Females 2 Yrs. & Over	$16,140	$434.74
(10 calves under 3 mos. s.w.d.)	1,325	132.50
4 Bred Yearlings	1,285	321.25
6 Open Yearlings	1,940	323.33
5 Heifer Calves over 3 mos.	1,220	244.00
6 Bulls over 3 mos	1,950	325.00
59	$23,760	$402.71

The well known and high producing Lakeland Manor herd of Ray J. Korth was dispersed January 16 at Warsaw, Ind., under the management of Leland J. Osborn, Warsaw. An enthusiastic crowd of 500 from Indiana and bordering states were on hand to bid on this Pabst-bred herd. The cattle went to 47 buyers in Illinois, Michigan, Ohio and Indiana for an average of $402.

Top of the day was $1000 paid for Pabst Reburke Lou, 3-year-old son of Pabst Regal and from Pabst Burke Lou, 676-lb daughter of Wisconsin Admiral Burke Lad. He went to Kenneth and Wilfred Lehman, West Liberty, Ohio, who also took two of his open yearling daughters at $325 and $365.

Females went to $710, paid for Lakeland Manor Pabst Burke Canary, a 3-year-old daughter of Pabst Burke Fobes, a son of Wisconsin Admiral Burke Lad. She went to Robert A. Herbruck, Dayton, Ohio, who also took three other females, paying for $2225 for his purchases. Robert J. Roberts, Gary, Ind., paid $1790 for his two daughters of Pabst Burke Fobes and two daughters of Pabst Barta Prilly Wayne 3d. Melvin Lockhart, Huntington, took three females and two baby calves at $1550.

Nine head sold for over $500 with nine going to Ohio, four to Illinois, four to Michigan, one to Kentucky and the balance staying in Indiana.

Auctioneers were C. B. Smith, Leland J. Osborn, Harry Bridge and George A. Ness, Jr., with Herb A. Miller making the announcements. Clerks were Edith Osborn and Earl Martt, LaCrosse, secretary of the Indiana Holstein-Friesian Association.

Buyers and details on the $500 sales:

Kenneth & Wilfred Lehman, West Liberty, O. (3)
(M) (Pabst Reburke Lou (11-46) $1000

Robert A. Herbruck, Dayton, Ohio (4)
Lakeland Manor Pabst Burke Canary (19-46) 710
Carlmore Beechwood Fanny (11-45) 640

Herman Weiser, Milford, Ind.
Pieterije Ormsby Boelyn Pearl 2D (11-41) 550

Melvin Lockhart, Huntington, Ind. (5)
Prairie Crest K A Montvic Punch (9-45) 535

H. L. Hodman, Peru, Ind. (3)
Lakeland Manor Pabst Wayne Janice (12-46) 585

M. C. Knapp, Ida, Mich. (2)
Edele Minnow Creek Susie (2-47) 510

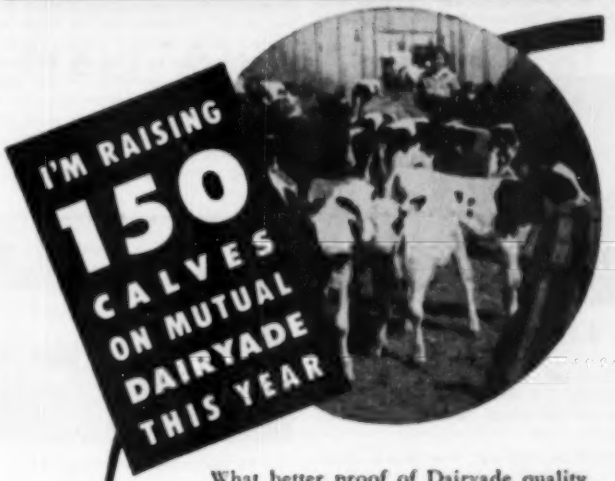
John F. Shockley, Muncie, Ind.
Al-Beth Topaz Creamella Canary (8-40) 500

Jack Prenkert, Galien, Mich.
Lakeland Manor Pabst Pabst Wayne Jane (1-45) 500

Other buyers were: Everett Sottlemyre, Huntington; John A. Newman & Sons, Culver; Harold Gawthrop, Etna Green; Dr. O. E. Gernard, Muncie; Benjamin F. Gerbs, Decatur; Donald Forney, Logansport; Ralph Pitsenbarger & Son, Macy; Orville Elmer, Royal Center; E. C. Dressen, Kimmell; Lemon Doty, Wakarusa; Coomer Bros., Ft. Wayne; Joe Burholder, Jr., Bremen; Lee Montgomery, Summitville; Joseph Monhant, Bremen; Winton Mauger, Huntington; Charles E. Moser, Ligonier; Harold L. Smith, Akron; William A. Stump, Pierceton; Chas. Sheets & Son, Milford; Nancy Sunderman, Huntington; Edward Klein, Union Mills; Homer Jackson & Sons, Gaston; Esther Illingworth, Goodland; Oberaugleshaugh & Son, North Manchester; Leland J. Osborn, Warsaw; Robert J. Roberts, Gary; Charles Elthel Priddy, Bedford; Walter Pankop, Albion; Eldon D. Pettigrew, Ft. Wayne; Walter Heideman, Elkhart; John Merz, Wolcottville, Ind.; James M. Wise, Williamsville; Earle Boner, Springfield; Art Van Alvin, Beecher; George I. Maxwell, Champaign, Ill.; Arnold Etzler, Convoy; Paul J. Merkle, Ohio City, Ohio; Leonard Babcock, Galien, Mich.; Abbey of Gethsemani, Trappist, Ky.

DODGE COUNTY HOLSTEINS
Invite your inspection. They are proud of their heritage and their capability to produce and reproduce!
Fieldman Service Available
Dodge Co. Holstein Breeders' Ass'n
JUNEAU, WIS.

DEPENDABLE DAIRYADE *for* BETTER DAIRYING



DAIRYADE COSTS ABOUT 5¢ Per Day—Per Calf

What better proof of Dairyade quality and dependability than this from Mr. H. N. Hansen of Pleasanton, California —*this year he is raising 150 calves with Mutual Dairyade.* And why does Mr. Hansen use Dairyade?—because he can depend upon results! Then too, he knows Dairyade costs only about 5c per day per calf to liquid feed—compare this with the cost of feeding milk! Whether you raise one calf or 150 calves it will pay you to use dependable Dairyade—guaranteed to give you the results you want or your money back!

DEPENDABLE! FORTIFIED!

Mutual DAIRYADE

ORDER FROM YOUR MILK PLANT TODAY

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Junior Page - - -

BEN BROWN
Editor

TIME STAGGERS ON . . .

At least once a year, especially along about New Year's, it's fun to reminisce and take stock of things. As Junior Breeders, it's a little tough to do much reminiscing . . . it's a lot easier and usually a lot more fun to look forward.

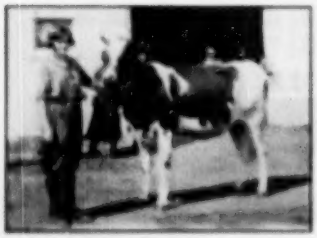
But, the other day we were cleaning out the files and what we found was very interesting indeed. It seems this Junior Breeder business has been going on for some time. It's not a new idea at all, and over the years, hard as it may seem for us pessimistic and never-satisfied moderns to believe, there is progress to be seen.

Proud winner of first prize honors in his division—1929

That progress, both in Holstein type and boys and girls fashions, is very evident in the photos reproduced on this page.

When we dug out these photos, there were gay chuckles from the office girls about those outlandish clothes, not in the least made less humorous by this writer's admonition that 1950 styles would look very funny 20 years from now. However, when you get through tee-hee-ing over the 1929-style knickers, bloomers, and funny socks, take a look at the heifers!

They were championship stuff in those days . . . the oldsters tell us all that counted was the top-line. Deep middles, dairy character, and smooth, square rumps . . . all things that win or lose today, were sadly lacking in the champs of yesteryear.



Another champion at State level—1923.

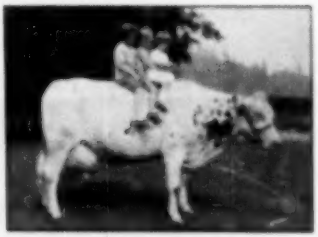
Which, rather than a criticism of those early Junior Breeders, is rather to their credit. They had a lot of disadvantages we don't have today . . . weak foundation stock, hand-labor on the farm, poor feeds, poor markets, Model "T"'s and, heaven forbid, knickers as well. In addition, you remember, the breed was younger . . . it took more courage to promote the breed in those days of stockyard bulls than it does today, when "Holstein" is synonymous with high production.

Four-H wasn't there to help the way it does today. Adult farm people weren't so well versed in the science of dairy farming either. Chances are, in those days, being a Junior Breeder was no picnic.

Some say the only reason for looking backward is to see where we are going. If we can look back to the '20's, and see the progress that's been made since those far-off days, and then look forward and see as much progress coming in the next 20 years, we'll see a happy future.

An early demonstration team.

A champion and her calf—early '20's.



Typical early publicity shot of a real producer and three "Holstein-milk-fed" friends.

1st Prize county Calf group—1922 (National level)

CURTISS CANDY ANNUAL 4-H SALE

An average of $294.25 was received for the 20 Holstein heifers sold at the 4th Annual Curtiss Candy Company Farms 4-H and FFA Project Sale held at Cary, Ill., Dec. 3.

A top of $600, high for the entire sale, was paid for Curtiss Candy Dandy Kate by Neal Kuhn of Manilla, Ind. The heifer is a daughter of Curtiss Candy Dandy George whose six nearest dams average 827 fat—20,998 milk. Twelve of the 20 Holsteins sold went to Illinois 4-H and FFA Club members, four to Indiana, three to Kentucky and one to Wisconsin.

Nine states were represented among the purchasers of project animals which, in addition to the Holsteins, included Guernsey, Brown Swiss and Ayrshire heifers; Aberdeen-Angus and Shorthorn steers; Hampshire and Yorkshire bred gilts.

The 94 projects offered sold for a total of $21,230 or an average of $225.

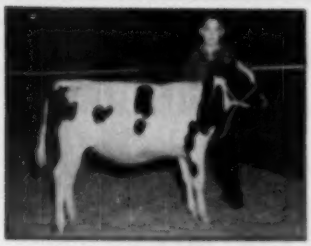
Preceding the sale, Robert B. Schnering, vice-president of the Curtiss Candy Company, presented a check for $150, a silver trophy, gold lapel pin and a certificate of achievement to Ronald Coleman of Bunker Hill, Ind., who placed first with his project heifer, Curtiss Candy Levity Petal, at the 1949 Indiana State Fair 4-H Show. The check represented one-half the purchase price of the heifer at a past project sale. Also honored was Earl Ireland of Oconomowoc, Wis., for winning the 4-H class at the 1949 Wisconsin State Fair with his Holstein project heifer, Curtiss Candy Deen Triune.

Delbert H. Kingston, superintendent of the livestock division of the Curtiss Candy Farms who read the pedigrees at the sale, presided at the presentation ceremony. He introduced Mr. and Mrs. Otto Schnering and William E. Hunter, general manager of the farms, to the 1,000 persons in attendance.

Robert (Bud) Seitz was the auctioneer. Francis Darcy, Will McKerrow and Harvey Swartz worked the ring.

A list of Holstein purchasers follows:

Richard D. Bridge, Royal Center, Ind.
Curtiss Candy Master Lassie . . . $350
Robert Jocsten, Stillman Valley, Ill.
Curtiss Candy Della June . . . 260
Keith Dyson, Ronan, Ind.
Curtiss Candy Dandy Inez . . . 250



Jimmy Adams of Atlanta, Ill., is shown with the Holstein heifer, Winding Creek Snow White, purchased by him at the Annual Curtiss Candy Farms 4-H & FFA Project Sale.

Neal Kuhn of Manilla, Ind., is shown with Curtiss Candy Dandy Kate, the top selling heifer at the 4th Annual Curtiss Candy Company Farms 4-H & FFA Project Sale, purchased by him for $600.

Neal Kuhn, Manilla, Ind.
Curtiss Candy Dandy Kate ... 600
Edward J. Gayda, Laporte, Ind.
Curtiss Candy Dandy Ida ... 400
Gerald Jacoby, Crystal Lake, Ill.
Curtiss Candy Deen Queen ... 260
J. E. Sonny Davis, Valley Station, Ky.
Curtiss Candy Deen Beaut ... 240
Frank L. Gholson, Kevil, Ky.
Curtiss Candy Deen Susan ... 150
Patty Adams, Atlanta, Ill.
Curtiss Candy Deen Rosalie ... 210
Robert Petsch, Neosho, Wis.
Curtiss Candy Deen Beryl ... 290
Elmer Oltmanns, Stillman Valley, Ill.
Curtiss Candy Jack's Cascade ... 200
Rodney Ohm Grant Park Ill.
Curtiss Candy Jackie ... 340
Ronald Botterman, Palatine, Ill.
Ollie Ormsby Pansy ... 235
Sam Gockin, Jr., Davis Junction, Ill.
Inka Madcap Empress ... 315
Sherrie M. Kahle Valley Station, Ky.
Ormsby Marion Inka ... 240
Marvin Christensen, Elburn, Ill.
DeKol Pansy Inka ... 270
James Adams, Atlanta, Ill.
Winding Creek Snow White ... 325
Sharon G. McCanless, Woodstock, Ill.
Winding Creek Frittie Pride ... 250
James Peacock, Capron, Ill.
Royal Acres Deen Beauty ... 200
Marvin Christensen, Elburn, Ill.
Royal Acres Princess Maid ... 200

GOLD MEDAL SIRE No. 128

The Holstein-Friesian Association of America reports that Sir Transmitter Pride 907873 (GP) has become the 128th Gold Medal proven sire. He is owned by L. E. Boerger, Irwin, Ohio, and won the award within a few days after reaching the age of six years.

The Silver Medal type award was made a year ago when his first group of daughters freshened and became eligible for classification. Eleven of the 12 daughters known to have freshened or 92%, were classified, which gave a required score of 81 points, which they exceeded with an average of 81.1. These included one Very Good, six Good Plus and four Good.

Fourteen daughters have now completed Herd Test records and of these, 11 exceeded Advanced Registry requirements by 30%, with butterfat tests of not less than 3.9%. The records were all made in two-year-old or yearling form. Two of them were senior two-year-olds, the highest Rose-Front Mary (GP) made 549.1 lbs. fat, 3.9% in 319 days at two years, nine months, while Rose-Front Dinah (VG), freshening at two years, eleven months, made 530.8 lbs. fat, 3.8%. Seven others made records ranging from 407 to 496 lbs., while two made ten months records of 358 and 398 lbs. All the records were made in 2X.

Sir Transmitter Pride is an inbred son of the famous Gold Medal sire, Sunbeam Pride Transmitter, the dam being one of the winning Get of Sire group which Breeder Paul Stewart showed with such success.

Mr. and Mrs. Henry W. Samson of Alfalfalands, Vernon Center, N. Y., left January 30th, for a vacation trip to Brownsville, Texas, by way of Chicago and St. Louis. They are traveling by automobile and hope to be back home again in late spring. Just in passing, Mr. Samson notified us that Alfalfalands turned out 1,116,390 pounds of milk during 1949 with a herd average on nearly 100 cows (in a single unit) of 448.6 lbs. fat, 12,670 lbs. milk.

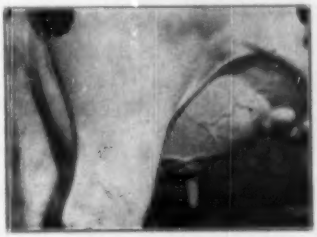
Meet Ann Sovereign!

One of "Regents" Best Girls

ANN SOVEREIGN 2815413 is a 4-year-old now, classified "Very Good" with an "Excellent" for her mammary system. She was 6th prize 3-year-old in milk at the 1948 Royal Winter Fair. As a junior 2-year-old on 2X milking she made 588.7 lbs. fat with 4.4% test on 2X milking, carrying calf for 229 days of the record and qualifying for the 305-day division with 515.3 lbs., a Connecticut State Record.

She is sired by Montvic Rag Apple Sovereign, and her dam, Woodland Pabst Hengerveld Lady (E.) came with her to LAWARA from the Ancona Dispersal a year ago. She was Best Uddered Cow at Eastern States in 1947, has a 2X record of 502 lbs. fat at 4y, 3.7%, with 497 lbs. at 9y and 416 lbs. at 2y, both 2X milking. The next two dams are also "Excellent" under the Canadian rating system.

The third generation in the family, Ann Sovereign's daughter by Baker Farm Dunwoodsman, is also a part of the foundation picture at LAWARA. She was 2 years old in September.



Udder of WOODLAND PABST HENGERVELD LADY

This is one of the worthy families we are breeding to GLEN-AFTON RAG APPLE REGENT here at LAWARA.

You can breed to this unusual son of Marksman, too. Service fee $100, calf guaranteed, $25 deposit at time of order. Reduced fee where more than one cow is bred from same service. For fast delivery, phone:

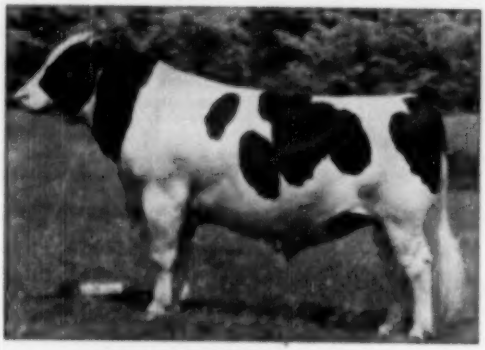
INTERLAKEN 26-F-24

LAWARA

Lewis S. Bell

INTERLAKEN, NEW YORK

Prince's Daughters Producing Sensationally



DUNLOGGIN LOCHINVAR PRINCE
Prince's maternal sister, Dunloggin Golden Princess, now on AR test making over 900 lbs. fat with 4% test.

Two of Prince's first five daughters to freshen made Illinois State records on 2X. Prince's first ten unselected daughters as they freshened, average 2X 305d 2y 1m—429.4 F 10547.7 M 4.0%, all as junior two-year-olds and some as yearlings, on strictly twice-a-day milking, most freshening with second calf within twelve months of first freshening.

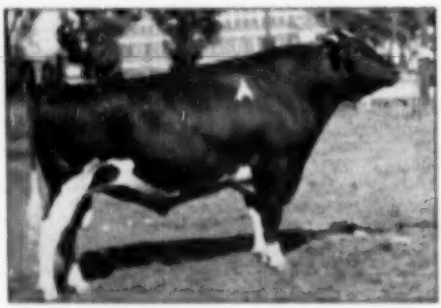
His first second-calf heifer is producing more fat on 3X than her Illinois State record dam in the same classification at the same age.

Prince has a senior two-year-old daughter promising 800 lbs. fat on 2X.

Prince has a junior two-year-old promising 650 lbs. on 2X.

ELMWOOD FARMS — Lake Forest, Ill.

Few Sires Have Left A Greater



MONTVIC MAG APPLE SOVEREIGN (XXX)
Born April 17, 1942 — Died Dec. 26, 1949
His 107 daughters (Canada and U.S.) have made 122 records averaging 12188 M. 4.07%, 493.1 F.

His 122 graded or classified daughters (Canada and U.S.) score 81.3 by the U.S. scoring system, with 14 VG, 72 GP, 33 Good, 4 Fair.

Mark on the Breed

than

"*Sovereign*"

We purchased "Sovereign" as a 10-weeks-old calf at the Mount Victoria dispersal in 1942. He died at 7 years and 8 months of age, the sire of 1235 progeny registered in the Canadian Association — 674 daughters and 561 sons. He is a Century Sire, both for tested daughters and for classified (or graded) daughters, in Canada and the United States. He has now four sons that have been five times All-American and four times Reserve All-American — and the Sovereign Story is still far from told!

Springbank Farm

T. R. DENT
Woodstock, Ont.

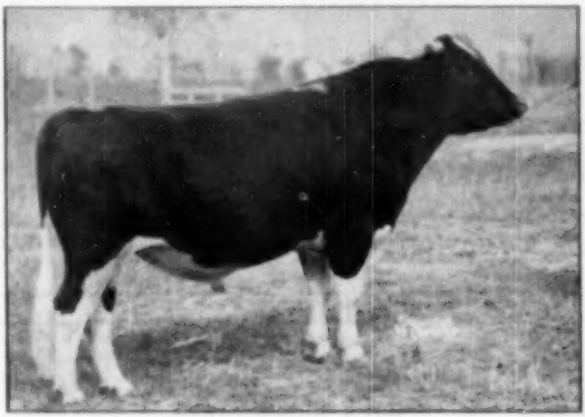
APRIL 24 and 25 — 1950

Mark These Dates On Your Calendar For

The OTCO FARMS DISPERSAL

175 HEAD

At Otco Farms — Under Cover — Strongsville, Ohio



DUNLOGGIN ROMEO VAR

All Selling!

Herd Sires:

Dunloggin Romeo Var

Son of Montvic Lochinvar out of the only twice 1000-lb. fat Woodmaster daughter.

With 44 daughters

10 granddaughters

Helengeorge Master Admiral

With 13 daughters.
A GREAT sire prospect.
This is THE bull!

North Star Victor Exemplar

With 3 daughters.
A grandson of Dun. Adeen.

6–Daughters of MONTVIC LOCHINVAR
8–Daughters of LAUXMASTER
18–Daughters of DUNLOGGIN WOODMASTER
44–Daughters of DUNLOGGIN ROMEO VAR
10–Daughters of FERNDALE NIG WOODMASTER
2–Daughters of DUNLOGGIN PROGRESSOR
1–Daughter of DUNLOGGIN WOODMASTER

COWS . . . HEIFERS . . . CALVES . . . BULLS . . . BULL CALVES

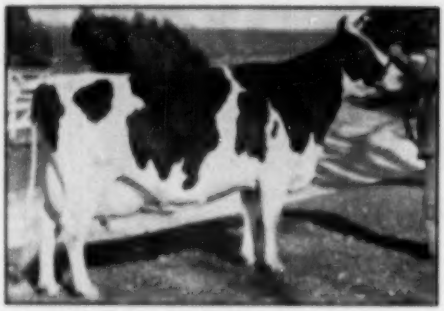
— Any and all at your own price!

Calfhood Vaccinated — Accredited T.B. & Bang's

OTCO FARMS
P. O. BOX No. 6
STRONGSVILLE, OHIO

R. AUSTIN BACKUS, Auctioneer
C. B. SMITH, Auctioneer
APRIL 24 - 25, 1950

"Corrine's" Son-our Herd Sire



BROWNS MISTRESS CORRINE
Fat 905d 21yr 675.3
(Min. State Champion, EX)
Reserve All-American 2-yr-old 1948. Grand Champion International Dairy Congress, 1949, also best udder. Honorable Mention Aged cow, 1949 and 4-year-old, 1947. 1st aged cow in milk, Canadian Royal, 1948. Res. Grand Champion, Canadian Royal, 1946.

"Corrine" is sired by Montvic Rag Apple Master, XX son of Raymondale Ideal Successor and the XX, 1155-lb. Montvic Bonheur Hartog. "Corrine's" dam Gold Medal with five records over 500 of fat.

This son of "Corrine" is **Franlo Gem Treasure Model** and he is sired by Franlo Montvic General, a son of old Chip and out of Montvic Chieftain Tensen B, Gold Medal, 701-lb. 2-year-old.

He is being used on our daughters of Franlo Chip Grand Monarch, the son of Chip and Helene Aaggie, Excellent, with two records over 700 of fat. Grand Monarch was All-American bull calf of 1947, All-American Senior Yearling of 1948, and high Honorable Mention two-year-old of 1948.

ZELDENRUST FARM

"A Farmer's Herd With a Millionaire's Quality"

C. M. BOTTEMA & SON, Owners
Indianapolis, Indiana

Please Address: RAY BOTTEMA
108 S. 7th St., — Beech Grove, Ind.

Hickoryvale

OUR PRESENT SIRE

POND GATE BEAU BRUMMEL
An intensely-bred Woodmaster, and a prize winner on the 1948 circuit.
Son of Curtiss Candy Ovation, whose dam, Dunloggin Mistress Grace, was one of the greatest of the Woodmaster daughters.
His dam, Dunloggin Golden Belle, just finishing a new record at Pond Gate, is a double granddaughter of Woodmaster.

A HERD BUILT LARGELY ON THE BLOOD OF THE 99TH and 100TH GOLD MEDAL SIRES, WOODMASTER and PROGRESSOR.

Dunloggin Progressor was at the head of our herd for several years with our daughters making records up to 793 fat on 2X. Two daughters in other herds over 800 fat including the famous Hickoryvale Moosie Canary.

Then two double grandsons of Woodmaster—**Dunloggin Knight,** sire of Hickoryvale Nite Moosie, Hon. Mention All-Am. 3-yr-old, 1948, and, with "Canary", Hon. Mention All-Am. Produce.

Curtiss Candy Della Lad (VG at 3y) whose first daughter has just finished with nearly 500F-2X and who sired first three 2-year-olds at the 1948 Frederick Fair.

SONS OF POND GATE BEAU BRUMMEL NOW AVAILABLE FROM DAUGHTERS OF THESE WOODMASTER SIRES.

Ira D. Ifert & Sons — Middletown, Md.

GREAT AVERAGE AGAIN FOR MACHOLD

Dyer Millard, Manager of Machold Farms, Ellisburg, N. Y. was a recent visitor at the WORLD office. He showed us the DHIA figures on the Machold Farms herd for 1949. The six units combined totaled 220.9 cow years and make the phenomenal average of 12,554 lbs. milk, 455.4 lbs. fat, 3.63%. A total production of the combined herd for the year was 2,773,094 lbs. The tester's computations showed a production of 4.01 lbs. milk for each lb. of grain fed.

Farm III was the star of the outfit in 1949. 40.6 cows in this unit making the exceptional average of 535.2 lbs. fat 14,347 lbs. milk, 3.7%. All milking in this herd is straight two times a day. We do not know of any other herd of the size of this combined herd that has ever duplicated these figures. The Machold herd a year or two ago hit 475 lbs., but with under 200 cows in milk that year.

Herd High Record Repeater

Winterthur Farms, Winterthur, Delaware, report that Winterthur Fobes Posch Unepolka, the highest record daughter of Posch Ormsby Fobes 14th (EX-GM) has just come back with her sixth consecutive record and her third above 800 lbs. fat on 2X milking. Her latest record at nine years is 673 lbs. fat, 22,469 lbs. milk, 3.9%. She had previously made 918.5 lbs. 4.0% at eight years and her highest record 989.0 lbs. fat, 23,877 lbs. milk, 4.1% in six-year-old form. Her son, Winterthur Winner Fobes Zack by Winterthur Select Dad Winner, a Winterthur Farms junior sire is the senior herd sire in Frank Decker's Thendara herd at Syracuse, N. Y. This bull has been in service here for the past two years.

CORRECTION, PLEASE!

Tyler Farms Posch Jane, Excellent daughter of the Gold Medal Sire, Montvic Posch Rag Apple in the Holser's Valley Farm herd at Troy, New York, was incorrectly listed in their advertisement in the Feb. 4 issue. Her Excellent sister "Elsie" had the 1051-lb. record attributed to "Jane", whose correct list of records is as follows:

7y	3X	365d	19996	3.5%	695.1
8y	3X	365d	19115	3.6%	682.9
10y	2X	365d	12679	3.7%	467.3

The highest record daughter of this sire is Posch Rag Apple Tessie (VG) with 1080.2 lbs. fat, 4.1% test on 3X. Mr. Holser was in no way to blame for the misinformation in his copy, which was prepared by the WORLD ad writers.

"Where to put the lid from the milk can when the strainer is setting on the can is sometimes a problem. One of my members places the lid in a pail containing a chlorine solution. This is a year-round practice that will help in keeping the bacterial count down." — Perry J. Knapp in Iowa DHIA News.

One of the Greatest We Ever Owned!

and her son for sale!

LOCVALE PRINTER QUARTERMASTER

Born May 9, 1949. This beautiful young bull, marked about like his dam (pictured) is our first bull offering by McDonogh old Printer (son of Pure Gold, the full brother to Masteretroke-G.M.) out of Dunloggin Printress with two records over 700 lbs.

His dam has the following records:

Jr. 2 576.3 fat
Jr. 3 445.8 fat (2536)
4 664.7 fat (2X-3.7%)
6 711.8 fat (3.6%)

Now making 700 lbs. on 2X. This calf is a truly great breeding prospect. Write for full details.

LOCVALE MATADOR IVY
YU at 2 years.
Pictured at about 8 years at the time this calf was born, last May. She has four great records on 2X, and another in progress. Daughter of Dunloggin Matador Della.

LOCVALE FARMS

J. HOMER REMSBERG — MIDDLETOWN, MARYLAND

HOLSTEIN DISPERSAL

SATURDAY, MARCH 4 — UNION, ILLINOIS

At the farm located 1 mile west, ½ mile north of Union, on gravel road. Sale starts at 12:30. Also selling feed and machinery.

28 REGISTERED and GRADE HOLSTEINS

9 Reg. Cows — 9 Reg. Heifers — 9 Grade Cows — 1 Yearling Bull

The registered cows average 82.5 points of official classification. They were on test 6 months in 1949, with a 319.3-lb. fat average, ranking as high herd in McHenry County for July, August and September, even though they were mostly fresh in February and March.

4 daughters of Oak Bend King Bess Perfection
3 daughters of Golden Cross Design (one milking)
2 daughters of Haberlea Emperor Var (also service sire)
1 daughter of Neillewood King Hartog Mercedes (by "King")
1 granddaughter of Calamity Nig of Elmwood Farms
1 King grandson by the Design bull - yearling
1 daughter of Rag Apple Talisman from 540-lb. dam
6 other good registered cows due near sale date
9 good grade cows recently fresh or springing
Will have catalogs 10 days before sale date.

C. T. HAVERLY, Owner — Union, Illinois

For Lease — or Sale of Half Interest

Our double great-grandson of Montvic Rag Apple Colantha Abbekerk, 1265 lbs. fat, 4.32%, 3X.

By the All-American Honorable Mention son of Marksman and out of the Ex. 811.3-lb. 4.1% daughter of the Gold Medal Montvic Bonheur Abbekerk.

The second crop of our Sovereign daughters are bred to this outstanding 2-year-old—his first calves are very promising. J. C. Eller of Culpepper, Va., has purchased his first son, whose first-calf dam has 195 lbs. fat in her first 60 days, 3X.

We are now starting use of our Prince son from a Montvic Chieftain 7th, 4.3% daughter.

Follow us along the RAG APPLE TRAIL.

Unadilla Farm — Chadwick, Illinois

R. A. PAGE, Owner
500 Peshtigo Ct., Chicago 90

KERMIT JENSEN, Mgr.
Chadwick, Ill.

California Holstein-Friesian Association

This is to announce the appointment of fieldman for the territory of California-Arizona and Nevada, of Fred C. Voris, graduate of California State Polytechnic College, San Luis Obispo, with the qualifications of majoring in dairy husbandry with a B. S. Degree, together with a wide variety of activities during his college career. He has been President of the Dairy Club of the College, and for the past two years has been on the Dairy Cattle-Judging Team competing at Portland and at Waterloo. Mr. Voris comes with very high recommendations from the College and those he has been associated with.

The Board of Directors of the California Holstein-Friesian Association in their selection, was unanimous. We commend Mr. Voris to the Holstein breeders in the three states: California, Arizona and Nevada, and it is our wish that you will welcome him when he visits you.

President
LEO P. HEDEGARD
Rt. 2, Box 773
Modesto, California

CALIFORNIA HOLSTEIN-FRIESIAN ASSOCIATION

Vice-President
L. C. WOLFSEN
Dos Palos, California

Secretary-Treasurer — A. J. QUIST, 225 Anglo Bank Bldg., Fresno, California

8 + 2 = 10 . . .

Two more Excellents bring to ten the number in our comparatively small herd that have entered the most exclusive bracket, **Excellent**. All except one are Hoesly Homestead breeding.

— EXCELLENT —

LASS OLLIE ORMSBY

OOSTIE PRINCESS INKA
Wis. State record 3-yr.-old, Div. 2 — 886.7 Fat.

— EXCELLENT —

Oostie Princess Inka is the Pride of them all. Nine out of ten of our many visitors who have seen her since she has come of milking age select her immediately as our most impressive dairy cow. She is our most consistent breeding cow. Her dam, Hoesly Veritas Windmoe Inka (858 Fat on C) was one of Balts Hoesly's two favorites.

Oostie Prince Inka was 3 years old on Oct. 29, and now has 7 offspring in our herd, 3 females, 4 males. The latest, a son by Carnation's increasingly famous bull, Carn Imperial Madcap Lad, was born Jan. 24, 1959, exactly an hour before this copy was prepared. This date is exactly 361 days after the birth of Oostie King of the Homesteads and one year and 344 days after the birth of Oostie Pride of the Homestead.

Semen may now be secured from three of Oostie Princess Inka's sons — rates are most reasonable. Visit our farms at your first opportunity and consider whether or not you can afford to pass by the opportunity to infuse some Hoesly Homestead breeding into your herd.

We consider Oostie Princess Inka and each of her offspring sufficiently good in type to exhibit in any of our Middle West State calibre shows. Not Grand Champions but with bodies and udders, milking qualities and size to make them.

Honest to Goodness Holsteins
365 days of the year.

At present we have only five bulls any age to sell. Some good cows due soon with good prospects. Artificial service available at all times.

OOSTERHUIS FARMS **Oconomowoc, Wis.**

F. L. HEILMAN & SONS

28th ANNUAL SPRING SALE

Saturday March 11 — **Lebanon, Pennsylvania**

Sale starts at 11 A. M., and will be held in Lebanon County, 3 miles northwest of Lebanon, one mile north of Cleona.

100 BANG'S TESTED, T. B. ACCREDITED, CALFHOOD VACCINATED CANADIAN REGISTERED CATTLE

60 cows that were fresh Oct., Nov. and Dec., and bred again to the herd sire, an own son of Sovereign (he is selling) — **35 close springers.**

5 bulls of service age including 2 grandsons of Monogram. There are 40 vaccinated 2 and 3-yr.-old heifers in this herd.

40 calves from the above cows. The entire herd is run in DHIA — records will be announced at the sale.

These cattle were selected during the past year, they represent some of the best Holstein families in Canada — only the best were accepted — must be seen to be appreciated.

WRITE FOR CATALOG

HARVEY RETTEW, Pedigrees
HESS & DUPES, Auctioneers

F. L. HEILMAN & SON, Owners
Lebanon, Rt. 4, Pa.

SECOND ANNUAL

CALIFORNIA HOLSTEIN HEIFER SALE

Sponsored by California Holstein-Friesian Association

SATURDAY — MARCH 18

STATE FAIRGROUNDS — SACRAMENTO, CALIF.

70 Registered Holstein Heifers

30 Bred Heifers — 30 Open Heifers

An outstanding selection of heifers. 55 consignors from all over California are represented in this great consignment sale.

POPULAR BLOODLINES....SMOOTH TYPE....HIGH PRODUCTION

Average production of dams is 511 lbs. fat, 2X milking, with dams' records as high as 720 lbs. fat on 2X.

COME EARLY — SALE STARTS AT 11:00 A. M. SHARP — LUNCH ON THE GROUNDS

Sale Committee:
A. C. Pollard, Turlock
Harold J. Schmidt, Modesto
Frank Corda, Gonzales
J. A. Sutten, Visalia
Fermin Larrey, Fresno

Auctioneer:
Charles Adams,
Alhambra, Calif.

Catalog Requests, Mail Bids:
A. J. Quist, Secretary,
California Holstein Association,
225 Anglo Bank Bldg.,
Fresno, California

Canada's 67th Annual

(Continued from page 19)

States, there is concern in Canada over the reduced income of farmers.

The Association makes a considerable ceremony of the presentation of certificates of superior and long-time production. The presentations were made this year by A. W. Peterson, assistant director, Production Service, Department of Agriculture. James R. Henderson, Kingston, Ontario, received a certificate on the performance of Supreme Ruby Echo whose lifetime record in twelve lactations on twice-a-day milking is 220,855 lbs. milk containing 7694 lbs. fat. An award was made to Jack Waschope, Schomberg, Ontario, on the record of Lynnden Hartog Daisy of 1324 lbs. fat, 29,422 lbs. milk, 4.66% butterfat, in 365 days on 2X milking. David R. Stevens of St. Mary's, Ontario, received an award on the production of Rag Apple Carnation Ida of 985 lbs. fat, 20,628 lbs. milk, 4.78% as a junior two-year-old in 365 days, 3X. Archie Rath, Mossley, Ontario, was honored for the performance of Rath Holme Rag Apple DeVries of 876 lbs. fat in 305 days, mature class, 2X. J. W. Greenwood, Maple, Ontario, received a certificate for Roeland Rag Apple Daisy who made 841 lbs. fat as a senior four-year-old in 305 days on 2X milking. Peter M. Patterson of Puslinch, Ontario, is the owner of Rag Apple Mercedes Lilly whose production of 601 lbs. fat as a senior two-year-old in 305 days, 2X milking is a championship performance; and finally, the University of Saskatchewan, Saskatoon, Sask., received an award on the performance of Tranquille Canary Vale Fiesta who is credited with 692 lbs. fat, 14,084 lbs. milk, as a junior two-year-old in 305 days, 2X, both championship performances.

The coveted Master Breeder award was received by three breeders, these being W. A. Hodge, St. Laurent, Quebec, the incoming president of the Association; Albert Seiling, Elmira, Ontario, and Wm. Bousquet, La Presentation, Quebec, the first French-Canadian to win this high honor. These presentations were made by Carl G. Wooster, former president and now chairman of the Executive Committee of the Holstein-Friesian Association of America.

The report of the resolutions committee was presented by Mr. J. G. Trepanier, Solicitor of the Association.

The most controversial resolution related to the important subject of stiffening the requirements for registry of bull calves. It was proposed by resolution of the board that subject to the approval of specific bylaws at the annual general meeting of members in February, 1951, no bull calves shall be accepted for registration from a dam not qualified in Record of Performance unless the dam should have been graded Very Good, Gold Medal, or Excellent in Selective Registration. An exception was set up to provide that in the case of a first-calf heifer, the bull calf would be accepted, providing the dam's dam has an official record of production at least 20% in excess of qualifying requirements on 2X milking, 40% on 3X or 60% in excess of requirements on 4X milking.

The resolution was well-supported by Director Norman Martin, and seconded by Director Fred Snyder. Former President Clarence Goodhue demonstrated that he has lost none of his eloquence during the years in a forceful plea in behalf of production in our show cows.

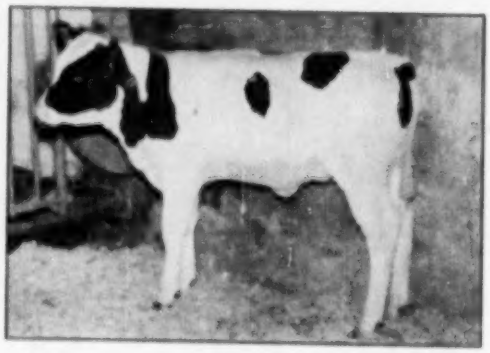
Lloyd Pickard of the Hays organization raised the point that with only 40% of the bulls registered last year being from R.O.P. dams, a shortage might be created that would be unfair to dairymen-breeders. He made the point that in the experience of his company low ROP records do not add particularly to the commercial value of the animal.

Former President Jim Henderson recommended the approval of the plan. He gave assurance that Canadian breeders would have nothing to fear from a shortage of bulls, particularly with the growth of Artificial breeding. The resolution was adopted almost unanimously and a plan for further select registry of bulls will be offered at the annual meeting a year hence.

Other resolutions adopted included a recommendation to the board that some recognition be given to long-time service of employees and another advanced to the board the idea of providing space on registry certificates for the certificate of vaccination of the animal, the latter to be signed by the veterinarian.

A pleasing ceremony was the presenta-

WISH I HAD A NAME



I wish I had a name. My owners can't decide what to call me, so they are offering a prize of $25.00 to the person submitting the best name for me.

I am a heifer calf, and was born December 6, 1949 at Nockdair. I am owned by Wern Farms, Baird Bros., and Francis Darcey, and I was bred by them.

My daddy is Pabst Regal, sire of the All-American Get of Sire, Reserve All-American 3-yr.-old Bull and Reserve All-American 2-year-old Heifer for 1949.

My mommy is Wern America La Princess Elizabeth, who was 2 years and 5 months old when I was born. In her 1st 54 days, she has made 2975.7 lbs. of milk and 138.0 lbs. of fat on A.R. test. She is sired by Curtiss Candy Ovation, the son of Montvic Renown and the "Excellent" 891-lb. Dunloggin Mistress Grace. Mommy's dam is Dunloggin Mistress La Princess, "Excellent", who just completed a 365d 2X record of 924.7 lbs. of fat and 24134 lbs. of milk.

My Aunt Margaret, who is mommy's maternal sister, is the All-American Heifer Calf of 1949, and heads the individual sales list for 1949 at $7,000.

Your suggestion and reasons should be mailed to Baird Bros., P. O. Box 177, Waukesha, Wis., before April 1, 1950. In case of duplicates, the award will be made to the 1st person submitting that name.

BAIRD BROS.
P. O. Box 177

Nockdair Holsteins

WAUKESHA, WIS.

Harry Stanton,
Herdsman

tion by Dr. E. S. Archibald of the past president's watch and pin to President Ray Wilson. Dr. Archibald is always a welcome figure on the Holstein-Friesian Association programs.

Election of Directors

Ontario's 16 directors are elected by the Ontario members present, while the 10 directors from outside Ontario are elected in advance of the meeting by mail vote. The procedure in the election of Ontario directors is to have nominations from the floor from Eastern Ontario and from Western Ontario. Nominations are made in the morning session to permit the mimeographing of ballots, and the election is usually a concluding feature of the meeting. This year it was moved up ahead of some of the programs to permit train connections for Eastern Ontario breeders. There were eight nominations for the six places in Eastern Ontario and 13 nominations for the 10 places in Western Ontario. The following were elected: Eastern Ontario, J. T. Brown, Newcastle; George McLaughlin, Oshawa W. J. Fawcett, Manchester; F. C. Eligh, Finch; W. E. Burton, Russell; Dryden Clark, Kingston. From Western Ontario, N. R. Martin, St. Thomas; J. D. Innes, Woodstock; Don McLennan, Sarnia; C. J. Packham, Mitchell; Lorne B. Reid, Ripley; Fred M. Snyder, Waterloo; D. S. Dunton, Brampton; E. A. Innes, Brantford; George W. Henry, Todmorden; C. J. Cerswell, Beeton.

Organization of Board

The new Board, on the following day, elected the following officers: president, W. A. Hodge, St. Laurent, Que.; 1st vice-president, J. D. Innes, Woodstock, Ont. 2nd vice-president, Geo. W. Henry, Todmorden, Ont.; 3rd vice-president, J. W. Hosford, S. Edmonton, Alta.; 4th vice-president, Norman R. Martin, St. Thomas, Ont. G. M. Clemons was re-elected secretary-manager. The president, four vice-presidents and the past-president, W. Ray Wilson, Kenmore, Ont., comprise the executive and finance committee.

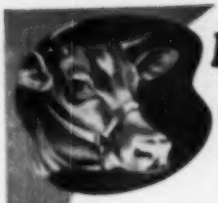
The Extension Committee will consist of Directors Jas. T. Brown, Fred Snyder, H. L. Guilbert, E. A. Innes and George McLaughlin.

Recommended for Judges were: Royal Winter Fair, Prof. Geo. Raithby; for the C.N.E., Jas. R. Henderson.

Social Evening

The same system was followed this year that has been necessary for a number of of years since the annual banquets of the Association have outgrown the capacity of the hotel to serve. Instead, an entertainment and dance program is put on, starting after dinner. This entertainment was again arranged by Stanley St. John, well-known Toronto impresario, who has handled it for many years for the Association with great satisfaction. This year's floor show and entertainment was no exception and the capacity crowd enjoyed every minute of it.

Since the cancellation of the banquet, the Association each year is host to its official family including the past presidents and other guests at a smaller dinner.



Don't be limited to ONE drug in the treatment of MASTITIS*

Get the new MASTICS® *with Streptomycin* and you get the following unusual advantages in the treatment of mastitis.

1. Broadest coverage—Mastics *with Streptomycin* combine the action of 25,000 units of penicillin "G" plus 25,000 mcg. of streptomycin, two proven leaders that cure most stubborn mastitis cases.
2. More economical—No expensive tubes, cannula or caps to discard. The entire dose is inserted in one operation; none remains in tube.
3. Freely soluble—MASTICS *with Streptomycin* completely dissolve in the milk; do not float on top like greases and ointments. No greasy deposit remains in the milk after treatment.
4. Excellent results—96.6% cures authoritatively reported.
5. Easier to insert—Tapering ends dilate the teat opening by easy stages. Smaller diameter and absence of rough edges make insertion painless.
6. No breakage—MASTICS *with Streptomycin* are flexible; seldom break—never crumble.
7. Lowest cost—Materials used are well past the expensive developmental stage. Large available supplies mean low cost to you.

Get either MASTICS *with Streptomycin* or regular Penicillin MASTICS from your veterinarian—no one else is so well qualified to advise you in their use. If he cannot supply you, send us his name and address.

*caused by Strep. agalactiae, B. coli, Aerobacter aerogenes

The Martin Laboratories
West Chester, Penna.

New! Heavy-Duty
FLINCHBAUGH WAGON UNLOADER
New designed for both light and continuous heavy work.

HAS MANY OTHER USES

The Portable Power Unit will also run your corn sheller, grindstone, mixer, conveyor, etc. Speed changes . . . height changes to suit your job. A Power Unit for most any need!

Here's the Wagon Unloader that will fill your need for unloading equipment. Not only will it unload light loads and small operations inexpensively but its new non-spring roller unit is designed for heavy, above average loads and continuous operations.

Facts, figures and performance have proven the Flinchbaugh Wagon Unloader, the nation's pioneer, the LEADER in its field for unloading ensilage, ear corn, potatoes, grain, bales, etc. Write for a detailed description today.

FREE LITERATURE. Ask for Catalog 63.

The FLINCHBAUGH Co. Iberia Lane York, Pa.

OHIO WINTER

AT THE FAIRGROUNDS **DELAWARE, OHIO**

70 REGISTERED

THIS IS THE 5TH ANNUAL WINTER QUALITY SALE SPONSORED BY THE OHIO HOLSTEIN-FRIESIAN ASSOCIATION. THIS YEAR, SALE CATTLE HAVE BEEN SELECTED FROM APPROXIMATELY 30 BREEDING ESTABLISHMENTS FROM OVER THE STATE. THE LIST INCLUDES A FINE SELECTION OF HEIFER CALVES****

YEARLING HEIFERS****
OPEN AND BRED HEIFERS****

The list also includes FRESH COWS—
HEAVY SPRINGERS of
GOOD TYPE — HIGH PRODUCTION — POPULAR BREEDING

Carnation

Many of the cattle consigned come from some of the outstanding breeding establishments from this section of the country. Many of the cows offered have good production records and are from time-tested families.

Six good type, well-bred young bulls will be sold. These bulls are out of dams with records over 500 lbs. fat and up to 715 lbs. fat on 2X.

A number of animals are calfhood vaccinated and negative, many are from accredited herds. **Everything will be negative to a 30-day Bang's test or accredited. Also negative to T.B. test.**

TIME — 11 O,clock — Steam Heated Pavilion

SALE

OHIO HOLSTEIN-

WOOSTER,

QUALITY SALE

Wednesday, March 1, 1950

HOLSTEINS 70

SPACE DOES NOT PERMIT GOING INTO DETAIL ON ALL THE GOOD ONES BUT HERE ARE A FEW OF THE "TOPPERS" AMONG THE FEMALES:

Rag Apples

— A yearling daughter of **Montvic Posch Lochinvar No. 1,** out of a GP dam with 529 lbs. fat 2X.

— A 2-year-old daughter of **Smith Haven Rag Apple Sovereign** bred for late spring calving to **Dunloggin Darkmaster.**

— A yearling daughter of **Sir Transmitter Pride (Silver Medal).**

— A two-year-old daughter of **Footprint** out of a dam with 750 and 734 lbs. F. 2X.

— A 6-year-old daughter of **Carnation Imperial Ormsby Pontiac** in calf to **Holwyn Starlight Roamer** (Jr. Ch. Ohio St. Fair—1948).

— A 3-year-old daughter of **Iowana Ormsby Princess Lad,** just fresh from a dam with 104,988 lbs. M., and 3,574 lbs. F.

— A yearling daughter of **Man-O-War Ormsby Posch 37th,** out of a 466-lb. fat dam.

— A senior yearling daughter of **Osborndale Lochinvar** in calf to a son of **Dun. Mistress Lieen** (3 records over 800 lbs. fat).

— A yearling daughter of **Jonabell Forward.**

— A yearling daughter of **Carnation Enchanter.**

AMONG THE BULLS HERE
A FEW OF THE HEADLINERS—

Woodmasters

— A son of **Lauxmaster** out of a dam with 2 records over 600 lbs. fat.

— A son of **Montvic Posch Lochinvar No. 1,** out of a dam with 713 lbs. F., 2X.

— A grandson of **Rock River Hengerveld Al,** out of a dam with 3 records over 400 lbs. fat and one over 500 lbs. 2X.

— A son of **Fleet Wings Matador Aim,** out of a VG dam with 715 lbs. fat on 2X.

Lunch at Ringside—Auctioneers; S. C. Sprunger—J. O. Fenstermaker

MANAGED BY

FRIESIAN ASS'N

OHIO

Sunny Vale Farms *Present*

Their Junior Herd Sire

High Supreme Lochinvar

Born September 24, 1947

(12 crosses to Johanna Rag Apple Palmt)

HIGH SUPREME LOCHINVAR
At 1½ years of age.

1st prize bull calf and grand champion, 1948 Sussex Co. (N. J.) Fair. 1st prize yearling bull, 1949 Sussex Co. Fair. 1st and junior champion 1949 N. J. State B & W Show.

He is a well-balanced individual, linebred from a great transmitting family noted for production, test, and type. His offspring are just arriving and their dairy character is outstanding. His paternal brother, Otonabee Palmt Review, was Res. All-Canadian senior yearling in 1946. His paternal sister, High Supreme Anna Lochinvar, was 2nd prize senior yearling at the 1949 N. J. State B & W Show.

— HIS SIRE —

SUPREME PALMT JOHAN (XX)
His dam and sire's dam average 710 fat, 3.8%, 18548 milk, on 2X. Sold $1200 4th Oakville Conc. 1949. Nominated for All-Can. Sr. Trig. bull, 1946. Sire of Res. All-Can. Sr. Trig. bull, 1946. 11 records by 10 dtrs. avg. 13036, 3.8%, 493, at 3y 7m, 2X. Paternal sister has 905 fat at 3y on 2X. Another with 735, 5.9% at 3y, a Penna. record when made.

— HIS DAM —

HIGH POINT MARIE LOCHINVAR (VG)
Sr. and Gr. Champion, Victoria B & W Show, 1946. Res. Sr. and Gr. Champion, Lindsay B & W Show, 1947. 2nd 4-yr.-old Sussex Co. Fair (N. J.) 1949. 4th Aged Cow, N. J. State B & W Show 1949.

3y 304d	2X	12537	4.2	535
3y 365d	2X	12138	3.9	474
3y 365d	2X	10724	3.8	404
3y 321d	2X	11004	3.8	402

Presently making 450 lbs. on 2X.

Inquiries regarding High Supreme Lochinvar's offspring invited. Write for our maternity list. Our exhibit won a total of 12 ribbons at the 1949 N. J. State B & W Show. Official classification average for type in 1949 was 81.3.

SUNNY VALE FARMS — Lafayette, N. J.

G. D. & L. IOZIA, Owners **T. J. OKARMA, Manager**

A Flying Trip to Forsgate

(Continued from page 22)

Forsgate breeding back for 20 years and four generations.

A former sire which did well at Forsgate was Carnation Forecaster, whose 60 tested daughters have made up to 853 lbs. fat, 4.4% test (recently completed). He has ten daughters left in the herd today.

Another former sire of noteworthy breeding and transmitting ability was Colonel Med Posch, purchased from Butterfly Farms, Mexico, N. Y. He was by Colonel Posch and from the 907-lb. Medora Abbekerk Posch (thus a double grandson of General Posch). He has 27 daughters left in the herd with records up to 719 lbs. on AR.

Another Butterfly Farms sire, in service there now, is Lochinvar Successor, a 4-yr-old son of Montvic Lochinvar out of Bellcholm Piebe Fairy with 950 lbs. fat. They have 38 of his daughters at present, with the first three or four just fresh.

The other main herd sire today is Montvic Rag Apple Emperor Johanna, a 9-year-old son of Emperor of Mount Victoria out of Montvic Bonheur Colleen, and thus a full brother to the 1059-lb. 4.77% world record 3X senior 3-yr-old, Montvic Colleen Abbekerk. His dam is by Montvic Pathfinder, she from Montvic Rag Apple Abbekerk (886 with 4.87% test), and she in turn the daughter of Johanna Rag Apple Palmt and Oakhurst Colantha Abbekerk. This bull came to Forsgate from the 1946 New Jersey State Sale to which he was consigned by Seabrook Farms of Bridgeton, N. J. His first Forsgate daughters are now freshening, with 25 daughters all told, and many more breed to him.

Two junior sires should also be mentioned here. One is a son of Montvic Rag Apple Emperor Johanna out of a 751-lb., 3.9% 4-yr.-old daughter of a former sire, Palmt Patrick (curiously, a Fernolred bull). The other is Osborndale Gay Sir Oliver, now coming two years of age, a son of Osborndale Sir Oliver Ormsby King (Gold Medal) out of Quality Fobes Abbekerk Gay that has finished with over 900 lbs. fat at Osborndale.

The herd has been calfhood vaccinated for seven years, and has recently passed its second consecutive 100% clean blood test.

A group of young and ambitious men are at the helm at Forsgate today. Mr. Abel, president of the company, with over a dozen years of experience already behind him, is only 33. M. R. Whelan, the vice-president and general manager, is the granddaddy of them all at a ripe old 45. Bill Hepburn is 36. Albert (Pancho) Hunker, the airport and farms manager is 32, and Ed. Francisco, herdsman, is 27. The spirit of this up-and-coming organization promises a bright future for Forsgate Farms as a breeding establishment.

State Meetings—

(Continued from page 27)

Assistant Executive Secretary Robert Rumler was present to bring greetings from the national association and was the principal speaker at the evening banquet.

The chairman reported a resolution committee composed of O. F. Foster, chairman, Henry Montgomery, Sarah Van Hosen Jones and Martin Buth Jr. They brought in six resolutions which were acted upon.

President Schafer reported that he and Mr. Ullmann were in Washington in January as representatives from the Michigan Holstein-Friesian Association on the oleo bill.

Jim Hays gave a few minutes of his time to spread a little sunshine with his wit and humor and also a few educational remarks. Recognition was given to a number of the veteran breeders present who have been in the business for 35 to 40 years, including Robin Carr, John Reinke, Ernie Hardy, B. B. Reavey, Robert Curtis and E. E. Knight.

Election of Officers

Nominations were opened from the floor for the election of three new directors to take the place of Arnold Bjork, Lloyd Gaskill and Wm. Routson, whose terms were expiring. Mr. Routson was reelection and the two new directors chosen were Clayton Rohlfs and Robin Carr. The remaining directors are: O. F. Foster, R. P. Ullmann, Everett Miller, George Schafer, J. G. Matthews and Harry Pickett.

The new board of directors retired to an adjoining room for election of officers. They chose O. F. Foster, veteran manager of Lakefield Farms, Clarkson, as president to succeed Mr. Schafer. R. P. Ullmann was reelected vice president and Everett Miller secretary-treasurer.

Evening Banquet

At 6:20 a delightful banquet was held in the Union ballroom with the largest attendance ever for this association. John Merrifield of Radio Station WWJ, Detroit, was master of ceremonies. George Schafer, Everett Miller and R. P. Ullmann directed the program of the evening. As mentioned, Robert Rumler gave the principal address. A number of featured stars of WWJ radio station also provided entertainment. Director Fred Tullis presented the P.B.R. awards and lifetime production awards to the breeders earning them.

Ohio—

THE 1950 annual meeting of the Ohio Holstein-Friesian Association, held Feb. 2 at the Hotel Southern, Columbus, marked the 25th year of service for Field Secretary I. D. Hadley. An estimated crowd of 275 attended in honor of the occasion and I. D. was presented with a TV set by the Association and $200 in cash donated by individual members. In addition, the Ohio Holstein News presented a plaque to Mr. Hadley, and a sterling candlestick set to Mrs. Hadley.

Glen Houserholder, Extension Department Director, was the principal speaker at the luncheon program, explaining the six-point program suggested by the National Association for state and regional clubs.

R. H. Barr, Canton, was elected president; Wm. Baldwin, Lexington, vice president; Paul Boerger, Marysville, secretary; and Dr. H. O. Frederick, Ashtabula, treasurer. Five seats on the board of directors were refilled for three-year terms. Fred Dellinger, Plain City, T. M. Cavanagh, Burton; O. L. Thomas, Marshallville; and M. R. Moomaw, Canton, were reelected; and Kenneth Indoe, Retiring president, was elected to the board to succeed H. S. Dalton of Wakeman. Executive committee for the new term consists of Indoe, Dellinger and the four officers.

An interesting address by George Young of the Old Phoenix National Bank of Medina on "A Banker's Interest in Junior Activities" was a feature of the morning's program.

Reports were heard from R. H. Barr on the Pure Bred Dairy Cattle Am'n. and the Ohio Dairyman's Ass'n.; from Director M. R. Moomaw on affairs of the National Am'n.; and from H. S. Dodge, editor and publisher, on the Ohio Holstein News.

Progressive Breeder awards were made to P. G. Boerger & Son, Marysville; Ray C. Steiner, Sterling; and O. L. Thomas, Marshallville.

100,000-pound production certificates

It Will Pay You to Consider The Pedigree of

KNOLLWOOD CHIEF

Our Double Grandson of Montvic Chieftain 7th

Here's High Test and Good Type Bred to Repeat

KNOLLWOOD BONHEUR CHIEFTAIN 897899
Very Good — Proven Sire.
Dau.-Dam Comparison, Mature 2X - 365day—
6 daus. 18300M 4.0% 736F
6 dams 17440M 3.7% 649F
Increase 860M .3% 77F
Index 19160M 4.3% 803F
Sire of:
Roandale Chief Netsky
2y 624F 4.4% 14109M
2y 664F 4.3% 15232M
Roandale Lady Chief
2y 618F 3.7% 16646M
Roandale Chief Evelena
2y 541F 3.8% 14298M
Roandale Rag Apple Lula
2y 526F 4.0% 13164M

KNOLLWOOD RAG APPLE NETTIE—2434459
Very Good.
Fat 3¼y 365d 921.8
Milk 4.4% 20960.0
(N. Y. State Champ.)
Fat 4¼y 365d 881
Milk 4.7% 18666
Fat 2y 337d 630.2
Milk 4.6% 13695.0
She is one of 3 full sisters and 3 additional 3-4 sisters (our Nellie family), the lifetime average test of all of which is 4.4%.

MONTVIC CHIEFTAIN 7th 695631
Very Good — Gold Medal.
Daughter - Dam Comparison Mature 2X-365-day—
36 daus. 18250M 4.2% 766F
58 dams 18610M 3.4% 653F
Increase 460M .8% 113F
Index 17890M 5.0% 879F

ELAINE BONHEUR CORNUCOPIA 2535503
Very Good
Fat 3y 336d 770.4
Milk 4.0% 19127.0
Fat 2y 365d 643.0
Milk 3.7% 17319.0
Dam of:
Knoll. Rag Apple Ethel
751F, 3.9% at 3 yrs.

MONTVIC CHIEFTAIN 7th—695631
Very Good.
Sire of:
Pebble Beach Veda Secunda
7y 1227F 5.0% 24695M 2X
(National Champion)
Knoll. May Apple Flossie
4y 1022F 4.8% 22164M 2X
(Ex-National Champ.)

KNOLL. MAY ALCARTRA NELLIE 2241185
Fat 2y 365d 510.3
Milk 4.0% 12712.0
Fat 3y 324d 501.8
Milk 4.3% 11681.0

MONTVIC CHIEFTAIN
Entire list of 32 daughaverage 4%.
Grand Champ., Ormstown.

MONTVIC BARONESS HARTOG
Fat 3y 305d 695.0
Milk 4.4% 15820.0
(Ex-Canadian Champ.)

MONTVIC PATHFINDER 4th
Full brother to All-American, Montvic Bonheur Black Beauty.

PRINCESS GIPSEY COR. 3d
*Excellent
Fat 4¼y 305d 625.0
Milk 4.3% 14549.0

MONTVIC CHIEFTAIN
Sire of
Montvic Chieftain Peach
3y 941F 4.3% 22200M

MONTVIC BARONESS HARTOG
Fat 3y 305d 695.0
Milk 4.4% 15820.0
(Ex-Canadian Champ.)

FISHKILL SIR MAY AAGGIE
12 daus. 15910M 3.7% 592F
12 dams 13390M 3.6% 482F
Increase 2520M .1% 130F

DOROTHY ALCARTRA ROBERTS
125,000 lbs. milk, 4761 lbs. fat in 10 lactations, 2X.
Dam of the Nellie family.

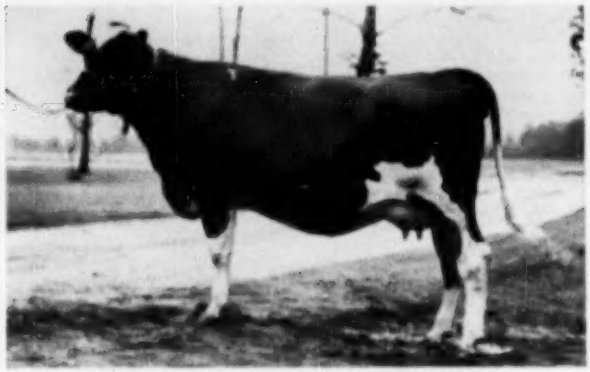
KNOLLWOOD FARMS

(10 miles east of Rochester, Corner of Monroe-Wayne County Line Road and New York State Route No. 286)

DANIEL I. MAYNE, Owner — R. D. No. 1, FAIRPORT, N. Y.

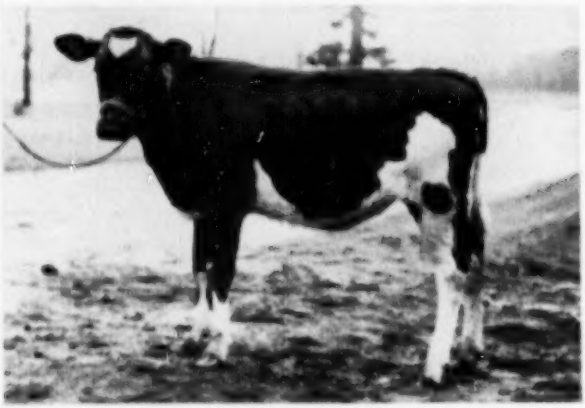
APEX DAUGHTERS

DAUGHTERS OF OUR JUNIOR HERD SIRE, WINTERTHUR FOBES KANN APEX—952329



#1332—Winterthur Apex Winner Cygold—2864097 (oldest Daughter of Apex)

Born 6/5/47 **Bred 5/8/49**
Weight—1/25/50—1550 lbs. **Due 2/14/50**



#1443—Larro Apex Juniper

Born 9/3/49 **Weight—1/21/50—325 lbs.**

Apex is transmitting good type and excellent dairy quality and refinement. He should transmit good test because every one of his 7 closest dams have yearly tests of 4% or better. He should transmit good production because he is a son of Posch Ormsby Fobes 14th and Winterthur Kann Great Qoria with A.R. production of over 100,000 lbs. of milk and 4.1% test. His 7 closest dams all have records from 789 to over 1000 lbs. of fat mostly on 2x. Sons of Apex now available.

LARRO RESEARCH FARM

General Mills, Inc., Owner

Box 68, North End Station • Detroit 2, Michigan

L-2617

issued in Ohio for 1949 went to the following breeders:

Athens State Hospital, Athens	8
Bonic Bros., Marysville	3
W. B. Cockley, Lexington	1
M. & F. Dellinger Co., Plain City	4
LeRoy Emmons, Delta	2
Walter M. Hazen, Alliance	1
Emerson F. Hoffman, Delta	1
C. L. Israel, Beloit	1
Massillon State Hospital, Massillon	5
O. S. & S. O. Home, Xenia	1
Orient State School, Orient	1
R. M. Snider & Son, Outville	1
Edwin Steiner, Massillon	1
Telling-Belle Vernon, Co., Cleveland	2
Toledo State Hospital, Toledo	3
Vaniard Farm, Hilliards	1
Shirley V. Willson, Delta	1
Milton & Hazel Yearkey, Canton	2
Melvin R. Zimmerly, Bluffton	1

Ohio had a fine record of activity for 1949, recording increases over the previous 5-year base period in all categories except new National Association members, and they ranked well above the 1949 national activity index level in registrations, new buyers, herds classified, state association members, and new junior members.

Association finances were reported sound, with total assets of nearly $50,000, this after having made a $10,000 contribution in 1949 to the unsuccessful attempt the yellow oleo bill in last fall's election. The Ohio Holstein-Friesian Ass'n was the largest single contributor.

The new board of directors met at a 6:00 dinner that evening. They recommended to the Ohio State Fair as Holstein judge for the 1950 show, Clair Miller, Paul Misner, and Clark Biddle, as 1st, 2nd and 3rd choices.

Their appropriation to the State Fair premium list will again provide for district herds and special junior awards. Their entire roster of officers and directors are again to be entered on the membership roster of the Ohio Dairymen's Association. Another action was approval of Boys' Village as a worthy project and planned assistance to this struggling new Ohio institution in securing Holstein foundation animals for their dairy herd. They also voted to place all Ohio County Agents on the World subscription list.

GUERNSEY SALES 1949

The Guernsey Breeders Journal reports that in 1949 there were 200 sales of registered Guernseys in which 9611 head were sold for $3,659,787, or an average per head of $380.79.

This compares with 10,901 head sold for $4,531,250.50, an average of $415.67 in 1948. Guernsey sale prices are down $80 per head from 1946, peak of the post-war period. Their highest averages were in 1919 and 1920, on smaller volume.

Seven sales averaged over $1000 (high $2308); 19 were in the range from $500 to $937; 21 were in the $400 bracket; 54 in the $300 bracket; 85 in the $200 range and 14 under $200. Eight of the last category were calf club sales.

Great Sires DO Have Great Dams

QUEEN FOBES PRILLY OLLIE
"Excellent"

We noted in the Jan. 21 WORLD (p. 113) that Gray View Hays Prominent, a bull we bred and sold to Robert Ray, Eau Claire, Wisconsin, has the following proof:

5 dtrs.	avg.	15043 M.	3.5%	529 F.
5 dams	avg.	14558 M.	3.4%	501 F.
Increase		485 M.	.1%	28 F.

We consider this an outstanding increase across the board when it is on a 500-lb. fat level.

This sire was by a Rag Apple - Hays bred bull and out of Queen Fobes Prilly Ollie (pictured), one of our Excellent Homestead-bred cows with a total of 109,558 lbs. milk and 3978 lbs. fat in 5 lactations. Proof again that good sires have good dams!

We have bull calves available out of equally good dams and cow families, that are bred to do the same kind of a job as Gray View Hays Prominent.

Write us for information.

Gray View Farms

HARVEY A. NELSON & SONS — UNION GROVE, WISCONSIN

Perhaps SHERMAN FARM Can Help You

HOME OF 150 REGISTERED HOLSTEINS

Accredited — Certified — Calfhood Vaccinated
1949 DHIA Herd Average — 66 Head — 13104 Milk — 3.61% — 473 Fat

OUR HERD SIRES

BELLEVUE ORMSBY DESIGN
7 nearest dams avg. 837 fat.
Sire: Design Again, full brother to Dunloggin Design.
Dam: Bellevue Bonheur Marie
6½y 2X 17807 3.7% 657.2

WINTERTHUR VICTOR SEGIS CADET
Sire: Wint. Fobes Peach Victor
Dam: Wint. Segis Star Wurij
4y 301d 2X 14196 4.1% 584.8
(cc 182d)

STARMASTER DESIGN
Sire: Dunloggin Design (E-GM-Century)
Dam: Essex Mistress Star (VG)
2y 3X 16170 604
3y 3X 17660 665.7
4y 3X 20300 738

HOWARD HOME ROAMER IMPERIAL
Sire: Pabst Roamer (E-Gold Medal)
Dam: Locustdale Onyx Chieftain (E)
4½y 2X 20302 685.5

FOUNDATION STOCK FOR SALE — BULL SPECIAL

SHERWIN WINTERTHUR LOCHINVAR CONCORD, born July 14, 1949. Sired by Winterthur Fobes Segis Concord, son of P.O.F. 14th out of a 695 lb. 4% 2 yr. old. The dam of this calf is Osborndale Miss Sally Lochinvar, a daughter of Lochinvar with credits in her first 168 days at 3y, 3X of 10460 milk and 356 lbs. fat, and still milking 60 lbs. a day. Well grown, straight, 80% black. Price only $250.

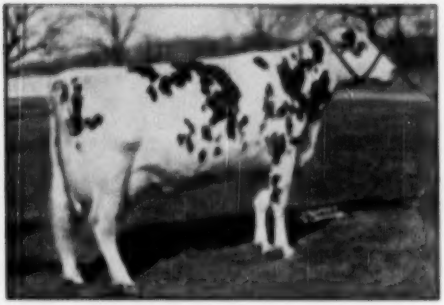
SHERMAN FARM — Bloomfield, Conn.

W. W. SHERMAN, Owner — **LESTER LOOMIS, Mgr.**

One of Our Senior Sires

ILLEHEE MONTVIC SEGIS

SIRE OF



Spring Farm Juliette

All-Canadian Aged Cow 1949
2y - 2X - 4.2% 571 F.
7y - 2X - 4.1% 697 F.
Now making 800-900 F. 2X

(Juliette is the dam of our junior sire, Spring Farm Silver King, who is by Elmcroft Voyageur M)

1949 Reserve
All-Canadian

Get of Illehee Montvic Segis

ILLEHEE MONTVIC SEGIS is a son of Montvic Pathfinder 24th. He has seen service in our herd for two years . . . we now have several of his offspring and some fifty cows bred to him. His descendants are doing well in Canada . . . we think they'll do well for us.

Irvington Farms

W. L. KING & SON — GAITHERSBURG, MARYLAND

Now a Proven Sire

Carnation Renown Prince 841585

His nine tested daughters average 18,136 milk, 3.7%, 490 fat.
8 dam-daughter Comparison:

8 dams	18,535M	3.7%	490F
8 dams	11,613M	3.8%	314F
Increase	1,874M	.1%	78F

We are mating his daughters to:

1. A son of Black Magic from a 1,622 lb. daughter of Sir Inka May.
2. A son of Carnation Ensign from a granddaughter of Carn. Ormsby Madcap Fayne.
3. A son of Carnation Madcap Ambassador from a Criterian Dam.
4. **A son of Hallrose Progressor, his dam from the famous Prince family at Carnation.**

Sletta-Lein-Shellum-Schwingler
Holstein Bull Ring

OSCAR M. SLETTA, Mgr. — Madelia, Minn.

Something to Think About

(Continued from page 25)

cent years, and we are more favorable to the voluntary program. If we follow that idea we would continue as in the past, confining the restrictions to those breeders who voluntarily enter their herds in the Herd Classification program and the rules could be amended by the Board of Directors to bar registration of sons of Good and Fair cows alike, present limitations applying only to sons of Fair cows or bulls.

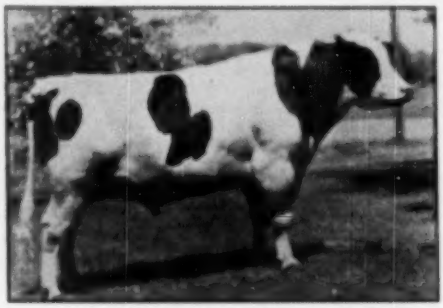
This would be a much slower process of type improvement because of the small percentage of herds that are classified. Less than half of our breeders would be affected so far as their registration program is concerned, if we adopted the compulsory system and refused registration of bull calves except from Good Plus or higher classified dams, as shown by a survey made in 1940. At that time only 47% of our breeders were registering bulls. An up-to-date survey will be made but it will probably show about the same percentage.

The breeder has a heavy responsibility to his individual customers and to his breed organization. His aim should be breed improvement by improving his own herd and helping his customers to improve their herds, all of which will be to his credit and profit. This responsibility rests just as heavily on the breed organization as its first obligation is the improvement of the breed and rules and regulations should be formulated to reach that objective. There are thousands of bulls to choose from and the real job is to find the ones that will do their owners and the breed the most good. As the number of bulls needed is reduced by artificial breeding, the importance of selecting the best for registration and later use is greatly increased; and this question of making classification in one of the three higher brackets a qualification for the dams of our bulls is worthy of the earnest consideration of every Holstein breeder. We cannot expect that all bulls from such dams will improve breed type but we can be reasonably sure of more rapid progress if we take this approach. The Canadian breeders have already had such a program in operation for more than four years. We can ill afford to sit idly by and watch them march steadily forward toward the goal of better type animals. Instead, we should join the procession.

STEWARD DONATES BULL

An example of good local public relations for the Holstein industry comes from Edmond, Oklahoma where it is reported that John J. Steward of the Steward Holstein Farm donated a bull calf to be auctioned off and the proceeds to go to the Edmond Recreation Council for the Youth Center. M. Steward picked a well bred bull for the purpose, sired by Inglecroft Burke Governor and out of Stewardvale Supreme Fond Spot.

Now Back in Service —



CARNATION MADCAP MAXIMUM (VG)
Doing a job in the Watertown Community.
He will do the job for you.
His semen is again available, or we can show you a few bull calves.

CARNATION MADCAP MAXIMUM is back in service after a sickness which lasted nearly six months. His semen is again available.

HE IS THE SON OF GOVERNOR OF CARNATION OUT OF THE 944-LB. 2-YEAR-OLD MADCAP THAT MADE A MATURE RECORD OF 1018 LBS. OF FAT.

This gives him an average for his 7 nearest dams of:
Fat 905lb. 1139.4 3.8% 30325 Milk.

This is believed to be the highest 7-dam average of any bull of the breed.

Watch this space for pictures and records of Maximum daughters.

Address Inquiries to PIPER BROS., Watertown, Wis.

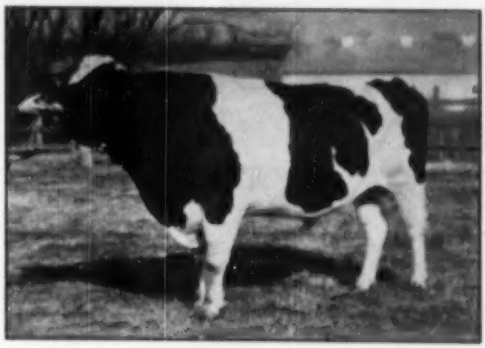
THE WATERTOWN BULL CLUB

MELVIN WEIHERT, Watertown; FRANCIS DARCEY, Watertown; HENRY MULBERGER, Watertown; PIPER BROS. FARMS, Watertown; W. L. BAIRD, Waukesha.

"TONY" --- Sovereign's Oldest Son—

Our Senior Herd Sire

Our first three "Tony" daughters are fresh and milking up towards 50 lbs. a day. They carry outstanding udders and they are testing well. We'll be showing you pictures of these first three in our next advertisements. In the meantime we suggest that you write for our bull list — perhaps you'll want to come and see them! No subsidy needed on this kind!



SOVEREIGN COMMANDER ANTONIO

Several Choice "Tony" Sons Available

Dr. and Mrs. J. W. Jackson, Owners

"FOUNDED WITH THE NATION"
General Cochran Farm
FOUNDATION FARMERS - DAGAPPLES SOVEREIGNS • ADEGHEITS • LONSDALES

C. Baird Hammond, Farm Manager

FORT PLAIN, N. Y.

Wisconsin Boys Win 4-Day Tour

By CHARLES C. BRACE, Fieldman

Five outstanding boys from Wisconsin were given the annual four-day trip to visit Holstein herds on November 15 through 18, with all expenses paid by the Wisconsin Holstein Association. The group included Vilas Sprecher, Sauk City, and Wm. E. Pink, Lancaster, who were chosen for the award by the state 4-H club office. Gilbert Christiansen, Menomonie, and Ralph Tesch, Brillion, were selected by the state office of vocational agriculture. Ronald Ekstrom, Chetek, was designated for the award by the state Holstein association from a large group of entries sent in by boys carrying the project of the first purebred female brought into a grade herd.

The junior committee selected a representative group of herds in southeastern Wisconsin for the boys to visit. Members of the junior committee are: Allen Hetts, Ft. Atkinson, chairman; Arthur Weiner, Columbus; Erwin Eckert, Markesan; Hollister Raymond, Edgerton; Louis Sauman and Verne Varney, Madison.

The four day schedule started off with a luncheon at the Belmont Hotel which was attended by representatives of the State Department of Agriculture, College of Agriculture, farm papers and radio stations. Charles Brace, national Holstein fieldman, accompanied the boys on the four day trip.

Following a radio broadcast the boys stopped at the University of Wisconsin dairy barn where they saw the bulls used in artificial breeding at the University. The pen type barn at the Hill Farm was also inspected. Leonard Schroeder pointed out the advantages and disadvantages of the housing of animals in this type of barn. Most of the university herd is made up of animals of Colony Farms breeding.

Top Row, left to right. A. O. Collentine, College of Agriculture, Charles C. Brace, Frank Wing, Superintendent of Agriculture, Prof. McNeil, College of Agriculture, M. H. Hutton, Secretary Department of Agriculture. Lower Row, Wm. Pink, Lancaster; Vilas Sprecher, Sauk City; Ronald Eickstrom, Chetek; Ralph Tesch, Brillion; Albert Christiansen, Menomonee.

At the Wisconsin Scientific Breeding Institute near Madison the boys saw the proven herd sires included in the bull stud. After seeing the laboratory and office, Mr. Pelkey gave considerable information on handling, packaging and shipping semen. Each boy was permitted to select a sire from which he would be given one free service with compliments of the breeding institute.

Glover Farm, Ft. Atkinson, was the first stop on the second day. Elmer Zimmerman, who now owns the herd and farm, has been in active charge of it for many years. Many of the animals in the herd are descendants of the 15 year old Excellent cow, Ormsby Joe Show Girl, who has proven to be a great breed cow. The boys asked questions regarding feeding practices and minerals for the cows.

Center of interest at the Allen Hetts farm, Ft. Atkinson, was Crescent Beauty Lady Gloria, who was first prize three year old at the two great midwest shows, the Dairy Cattle Congress and the International Dairy Exposition. She is just completing a record of about 550 lbs. of fat and with her two maternal sisters make up a very impressive cow family. Her bull calf is being retained in the herd as a future herd sire.

A special feature was the stop at Heard's Dairyman where the boys were conducted on a tour through the plant by the editor, Mr. Bill Knox. They were impressed with the numerous machines and heavy equipment required to publish a paper which has a world-wide circulation. After the pleasure of meeting Wm. Heard and Gene Mack, the boys enjoyed a delicious dinner served by the ladies of one of the local churches.

SOMETHING NEW IS ADDED!

Two Sons and Full Brother Now Head Our Herd!

RAVENGLEN SENATORA TRIUNE

879.3 fat, 4.5% at 4½y. Gr. ch. and Best Udddered Cow at Kentucky, 3rd at International, 8th at Waterloo, all before freshening. She's the greatest cow we have ever worked with! Her dam is a member of the 1949 All-American Produce of Dam.

— Her Sons —

RAVENGLEN HARTOG TRIUNE
Sired by Ravenglen Montvic Hartog, inbred son of "Ajax" and Montvic Honbour Hartog. 1st 2-yr.-old bull last fall at Iowa and Kentucky.

RAVENGLEN SUPREME TRIUNE
This bull carries a double cross of the "Triune" family, being from a full brother and sister mating. His sire, Ravenglen Senator Triune, is another main herd sire.

Male and Female Breeding Stock For Sale

RAVENGLEN FARMS
Antioch, Illinois
E. D. RAVENGLEN, Owner
Address Correspondence to
E. A. ARNOLD ... at the Farms
Home of
GOLD MEDAL SENATOR
Dr. Triune All-American

At Piper Bros. farm near Watertown the boys saw Carnation Madcap Maximum, who was recovering from a serious head injury resulting from an encounter with one of the other bulls. Maximum has twelve daughters in milk in the Piper herd and the boys were particularly pleased with the udders of the two year olds. Strathmore, who is classified Excellent, and his group of daughters was greatly admired.

Fine representatives of the Homestead family were seen at the Oosterhuis Farms, Oconomowoc. The two main herd sires are Carnation Imperial Senator and Oostie Lochinvar Homestead. The boys couldn't help but be attracted to Mr. Oosterhuis' favorite cow, Oostie Princess Inka. She has an 800 lb. fat record and has three sons in use in the herd and several daughters. They also saw some fine milking daughters of the senior sire, Carnation Imperial Senator.

Most of the third morning was spent at Pabst Farms, Inc., Oconomowoc. The boys were pleased to have the opportunity to meet Mr. Fred Pabst. Of interest was the modern milk plant which handles about 150,000 pounds of milk daily. It was a real thrill for the boys to see famous animals in the Pabst herd including Roamer, Regal, and Comet, the three main herd sires and many leading cows. Other outstanding females of the Burke breeding were observed at the Pabst-Knutson farm, where a new and completely modern dairy barn has been built.

At a noon broadcast over a Waukesha radio station, the boys told of their work with Holsteins and some of the highlights of the trip.

Frank Case, manager of Kyland Farms located northeast of Oconomowoc, showed the boys their fine herd which is owned by W. D. Kyle, Jr. Choice animals in the herd included a Burke daughter, classified Excellent, and her son, now one of the main herd sires. There are still several of the Gold Medal Sire Recovery daughters in the herd which were among the original foundation animals. Genial Mrs. Case served the boys a delicious lunch, enjoyed as only boys can.

The boys had a chance to see some splendid Crescent Beauty animals at the Ben Dibble herd, Pewaukee. One of the outstanding cow families is Snow Princess, classified Excellent, and her descendants. They also saw several other Excellent animals, including the grand champion cow at the Wisconsin State Fair a few years ago.

The last stop for the day was at Wern Farms which has built an enviable reputation for high quality milk throughout southern Wisconsin and the Chicago area. Under the able guidance of Chet Williams, the boys saw the milk plant and the herd. Without urging, the boys sampled some of the fine milk products. They were impressed with the magnitude of the plant and the high quality of the product resulting from extreme cleanliness in the barns and dairy plant. A

IF YOU MILK 10 COWS OR LESS...

The New De Laval Speedette Milker Will Save Time and Money For You, Too!

In every part of the country dairymen with herds of 10 cows or less are now milking better and faster and saving valuable time and labor with the new De Laval Speedette Milker.

The new De Laval Sterling Speedette Milker was designed for you—if you milk 10 cows or less. It is low in price, inexpensive to install, built for many years of low cost, trouble-free operation and top milking performance—the labor-saver, time-saver and profit-maker never before available to the small herd owner. Why put up with the drudgery of hand milking just because your herd is small? *You don't have to do it.* Call your De Laval Dealer today and ask to see the new Speedette.

FASTER MILKING

Henry Finke, Jr., Navasota, Texas, reports that with his new De Laval Speedette he milks 11 cows in 40 minutes. His wife and he, milking by hand, formerly required one hour and 30 minutes. Cows "took" to the Speedette at once.

"COWS MILK OUT FASTER"

Ira J. Savage, Langhorne, Pa., says: "Several of my heavy producing cows were slow with hand milking and now milk out much faster with my De Laval Speedette. It's a great time and labor saver for the smaller dairyman."

DE LAVAL SPEEDWAY FOOD FREEZERS

For better food preservation and better farm living. Improved table fare at lower cost. Beautiful in appearance—dependable and economical. Made in 8, 16½ and 35 cu. ft. sizes.

De Laval

THE DE LAVAL SEPARATOR CO.
165 Broadway, New York 6
427 Randolph St., Chicago 6, Ill.
61 Beale St., San Francisco 5, Cal.

The De Laval Separator Company, Dept. C-R
165 Broadway, New York 6, N. Y.

Please send me printed matter on:

☐ The New De Laval Sterling Speedette Milker
☐ The New De Laval Speedway Food Freezer

Name_____

Town_____ RFD____ State_____

E'erdowell Farms

What's Wrong With Our Ads?

Several days ago some breeders from Allegany County (N. Y.) called to see about service to Kinsman. They didn't know Kinsman was here until a short while back when our old friend, Bill Joyce, Andover, N. Y., told them. Thanks, Bill.

Glenafton Kinsman is most all Morkeman and Chieftain 7th, the two most popular bulls in the East today. Kinsman is an inbred son of Morkeman from an inbred Chieftain 7th dam

R-E-S-U-L-T

The highest testing family of the breed.

We would like to show you our Little Kinsmans.

RICHARD B. ROSS

Gowanda, New York

Accredited — Vaccinated — Certified

ORMSBY BREEDING

The KNEEDMORE HERD was started in 1914 with the purchase of one two-year-old heifer, BLUE BELLE JOHANNA DE KOL, a descendant of DUCHESS ORMSBY. Today there are 41 of "Belle's" descendants in the herd. Down through the years, a succession of Ormsby-bred sires have been in service until at present there are young animals that trace no less than 50 times to Sir Pietertje Ormsby Mercedes.

For the past several months we have been looking for a junior herd sire. After careful consideration of the various popular blood lines, we decided to stay with the "Ormsbys", and purchased a son of Pabst Comet from a daughter of Pabst Roamer, with a junior two-year-old record of 20819 lbs. milk, 709.5 lbs. fat. Nine of his nearest ancestors have been classified for type with 2 "Excellent" and 7 "Very Good". He traces 27 times to Sir Pietertje Ormsby Mercedes and we believe he will "nick" well with our State and National Leaders.

Another State Record coming up. We will tell you about it next month.

KNEEDMORE HOLSTEIN FARMS

PITTSFORD, MICHIGAN

MRS. J. A. SALMON
Owner

WAYNE KEENAN
Manager

Established 1914 — Home-Bred Since 1919

PROFITABLE HAZELBELL HOLSTEINS

Profitable dairying depends upon—

Inherited ability to produce a lot of milk
Sound Udders — Sharp Appetites — Persistence

The HAZELBELL NINAS are outstanding in all four: they are profitable under ordinary farm conditions and on 2X milking.

Sorry—no heifers for sale—but a few young NINA bulls are still available at reasonable prices. Full details on request.

HERBERT E. BELL
Owner

BELLWOOD FARMS

DAVID E. BENT
Manager

"Home of Hazelbell Holsteins"

BARRINGTON, ILLINOIS — (Phone 101M2)

visit to Wern Farms was not complete without seeing the famous "La Princess" cow, who has made many splendid records and was classified Excellent for type.

Of great interest in the Harvey A. Nelson & Sons herd at Union Grove was the last remaining daughter of that famous sire, Johanna Rag Apple Pabst. She is Montvis Rag Apple Amelia, now 17 years old. She has a record of 742 lbs. fat and has a fine daughter sired by Pabst Regal. Prominent member of the herd is Gray View Joan Pansy, Wisconsin State Record two year old with 660 lbs. of fat in 305 days and 721 lbs. fat in 365 days. A son of Burke and a son of Lochinvar are the two main herd sires. Each has some fine offspring in the herd. A future herd sire which attracted considerable attention is a son of Pabst Comet. He was the last calf of the old Pansy cow before she died.

At the Cresthaven Farm, R. P. Hansen, operator of the farm, showed the boys around in the absence of Dr. P. E. Pifer, owner, who was up north deer hunting. Marlow Nelson, county club agent, was there to meet the boys and to help show them the herd. Of particular interest was the herd sire, Creston Grand Master, son of the great "Mistress Queen" cow. He has nice offspring coming along in the herd. One of the best cows is DeKol Ormsby Segis Lyons, a splendid individual with a 620 lbs. 2X record.

There was some delay in getting to the Walworth County Hospital Farm due to tire trouble, and there the boys saw one of Wisconsin's fine county institution herds which is under the capable direction of Gene Fleming. Valuable member of the herd is Walco Farm Queen Belmont Tritomia, classified Excellent, who has a record of 1034 lbs. fat. She has an Excellent son in service in the herd, plus two daughters and a yearling son. The 1949 HIR herd average of 529 lbs. fat for the 54 cows on 2X and 3X is one of the highest in the nation.

Final stop was at the R. L. Anderson farm near Whitewater. A modern barn has just been completed on one of his farms. The time for seeing the herd was limited because of train and bus connections which the boys had to make. Two of the outstanding cows in the herd are daughters of Governor Tritomia Dawn, both classified Very Good and with high production records. The two year old daughters of the present sire make up a splendid group.

The comments on the return trip to Madison were indicative of four days well spent. The boys concluded they had received a vast amount of valuable information and had seen many interesting things.

Ralston Purina Company announces that construction is being started soon on a new feed mill at Macon, Georgia, to improve their service to the growing livestock and poultry industry of the South. This will be the 59th feed mill in Purina's production facilities.

Review of Leading Producers

(Continued from page 21)

pounds of fat in 365 days, Classification 3X at 4 years, 4 months of age.

Essex Suzone Susie 1845181 (VG) has been added to her total production with figures through November 30, 1949 of 221067 pounds of milk, 3.0%, and 6664.2 pounds of fat in 3824 days. Bred and owned by County of Essex, Cedar Grove, N. J., she is in her eleventh lactation and was fourteen years old in October. She has made over 400 pounds of fat in all ten of her records in Classification 3X. Nine of the records have been over 500 pounds, six of them over 600 pounds and two of them over 700 pounds. Her greatest achievement to date was made in her latest lactation, when at 12 years, 4 months she produced 25674 pounds of milk, 3.1 and 807.2 pounds of fat in 365 days. She has four tested daughters.

Essex Susie is another daughter of the Gold Medal century sire, Bell Farm Suzone 517606 (VG), already mentioned in connection with his other daughter, Essex Suzone Model. The dam of Essex Suzone Susie is Essex Susie Sweet 1347094 (E), a 200000-pound cow with two 100000-pound daughters. Her lifetime record is 240411 pounds of milk, 2.9 and 7057.7 pounds of fat in eleven lactations of 4039 days.

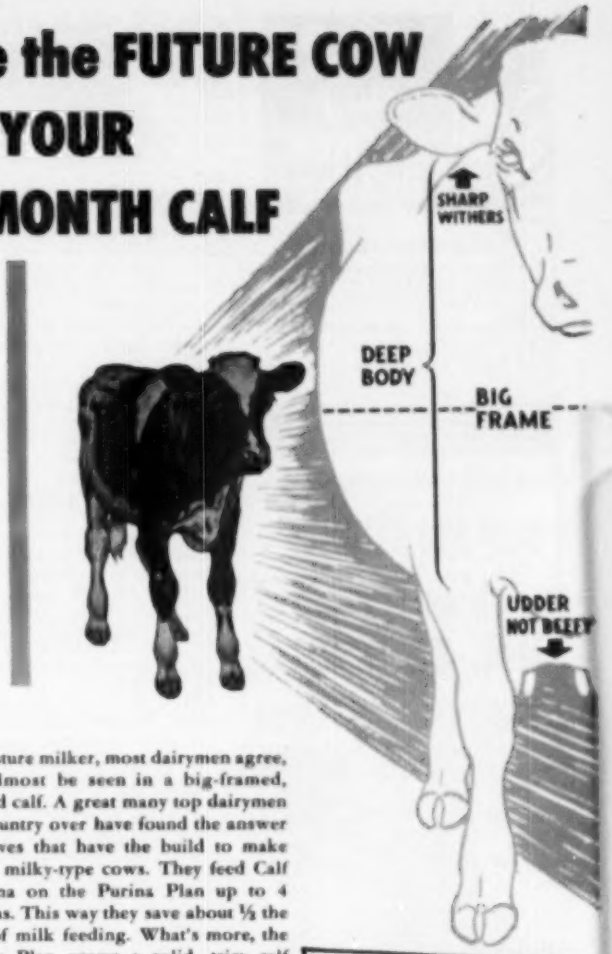
Her other 100000-pound daughter is Essex Moole Susie Design 2044697 (VG) who made 106257 pounds of milk, 3.6 and 3831.4 pounds of fat in seven lactations of 2474 days.

Maryland Johanna Colantha Matador 1995640 has brought her total through October 31, 1949 to 212994 pounds of milk, 3.2% and 6898.9 pounds of fat in 6249 days. She has completed ten lactations and is still milking. She was twenty years old last February. This grand old cow has spent her lifetime at the Wayne County Training School, Northville, Michigan. All of her records have been made in Classification 3X. Her highest record was made at 11 years, 7 months when she produced 17869 pounds of milk, 3.4%, and 601.8 pounds of fat in 365 days. She is quite a brood cow with seven Herd Test daughters. Three of them are 100000-pound cows.

The old cow is sired by Carnation Mutual Matador 420035, who has fifteen tested daughters, two with 600-pound records. Her dam, Esthwaite Johanna Colantha 995866, has four records, three of them over 400 pounds and up to 632.5 pounds.

Of the ten cows who hold the top positions among living lifetime producers for milk or fat production, it is interesting to note that five of them have been have been classified "Excellent" and another one "Very Good." Their usefulness, as indicated by their type, has been proved at the pail.

See the FUTURE COW IN YOUR 4-MONTH CALF



The future milker, most dairymen agree, can almost be seen in a big-framed, rugged calf. A great many top dairymen the country over have found the answer to calves that have the build to make good, milky-type cows. They feed Calf Startena on the Purina Plan up to 4 months. This way they save about ½ the cost of milk feeding. What's more, the Purina Plan grows a solid, trim calf without flabby fat. Put your calves on Purina Calf Startena. Then see the difference it makes—see that preview of your future heavy-duty milkers in your 4-month-old calves. Buy Calf Startena at your Purina Dealer's Store—the Store with the Checkerboard Sign.

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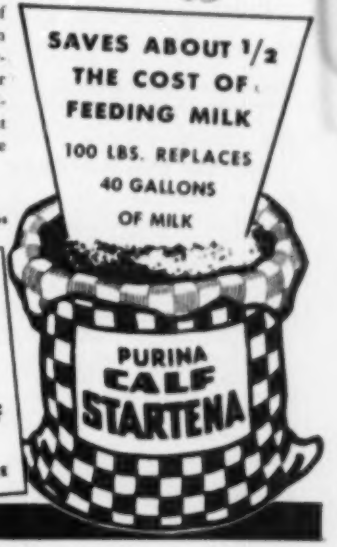
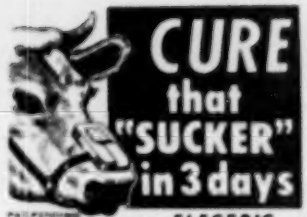
100 LBS. REPLACES 40 GALLONS OF MILK





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COMPACT—simple size adjustments—harmless—mounts on any halter. Rugged metal construction.
DOUBLE CONTROLS — allows sucking only when animal sucks. Operates on flashlight batteries. GUARANTEED!
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We are desperately in need of several copies of Vol. 82 HFHB. We will pay the very substantial premium of $20 per copy (original cost $5) for copies of this volume.

We will pay $10 for each copy of Vol. 92 HFHB.

Would buy all numbers in the 80 and 90 series.

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Lacona, New York

WE OFFER YOU — PRICED REASONABLY —

BULLS of service age and younger, by a choice selection of Winterthur-bred sires and from Thendara dams carrying in turn, many crusses of top Winterthur breeding. Our herd pioneered in modern health precautions.

For 10 years we have confidently relied for all "new blood" introduced into the herd as it was so successfully developed at Winterthur, while our foundation females were all selected from old Kriemhild Herd.

Winterthur Winner Fubes Zack, our senior sire, now has 3 record daughters that average 899.8 fat, 4%, 2X, with the highest 989 fat, 4.1%, 2X.

Thendara-bred stock has long made good for others as it will to your herd if given the chance.

THENDARA-AT-THREE RIVERS HERD

By Frank N. Dockey, Syracuse, N. Y.

A Visit to Harden Farms—

(Continued from page 32)

says, "Keep their feet trimmed if you want to keep them in the herd to a ripe old age." That's the practice at Harden Farms—feet trimming time comes three times a year. It must pay off for these old brood cows really look good.

One of the impressive things about this barn (aside from the appearance of the barn itself) is that every cow is in good condition. There just aren't any poor cows in here. Ed Keane remarked on that several times—"Every cow in shape," he'd say. "EVERY cow in shape. How do you do it?" The foot-trimming information was a reply to one of these questions.

We saw more milking daughters of King and Deen—and they're nice! This herd has a reputation for refinement, perhaps you've heard the opinion expressed that they're almost TOO refined. After you've been here on June 5th I wager you'll change your opinion. Sure, they're refined, but not too refined. There's size here, and scale. The Kings and Deens are developing into big, broad deep cows. Ed Harrison says, "I want my heifers to look like heifers—when they get to be cows, they'll look like cows. And the heifers with the Harden Farms prefix, heifers that have had two calves, are showing that they are going to "look like cows."

Back in the house again we put Dr. Harrison through a mild third degree. "What do you feed these cows?" was my first question.

"The three-timers get five pounds of Beacon test and two pounds home grown grains per feeding."

"Then you feed up to 21 lbs. a day?"

"That's right," says Ed. "It's about 16% protein."

"How about hay?"

"Well, it's just hay but we give 'em all they'll eat three times a day."

"Corn silage . . . ?"

"Yes, about 18 lbs. per feeding, twice a day. We put up 800 tons of silage this last year and, due to the dry season, it runs a mighty good percentage corn without much stalk. It was dry when the stalks should have been growing and then, when the ears started, we had some rain. How those ears did grow!"

Although I neglected to question Ed about it, it is apparent that the Harden cows are not held over on their breeding. Judging by lactation dates, and from the number of cows qualifying for the 305-day division, most every cow must come fresh again within 12 to 14 months.

When asked about pasture Ed repeated that the pasture program is just getting nicely under way. While brush was being cleared the first several seasons the main pasture had to be relied upon, and that hadn't been plowed in the memory of anyone now on the farm. That consisted of "just plain grass" and a little white clover, but now it is due for seeding.

As you probably know, Dr. Harrison was a professor at Cornell University for many years and it was under his direction that Pride and Catherine brought glory to the Big Red, and Cornell Pride 16th, with his many high record daughters, was developed. It is just over five years that Harden Farms has claimed him as manager although he was officially "advisor" for a little time before that.

Deen (Dunloggin Deen Var) and King (Dunloggin King Var) were the first bulls purchased under Ed's management, and they are the main sires today, assisted by two sons of each. Deen and King are each by Montvic Lochinvar—Deen from Dunloggin Aileen, "Excellent," 1019-lb. 4% daughter of Admiral Ormsby Fobes Again and Glencliff M B B Queen; King from the high record and "Excellent" brood cow, Dunloggin Mistress Queen, daughter of Woodmaster and, like Aileen, a daughter of Glencliff M B B Queen. Deen has about forty daughters in the herd while King has a few over sixty at this writing. They will be on parade when the convention visits the farm.

Deen and King are used artificially and are kept at a different farm where the younger heifers are at home. Judging by their offspring, I expect Ed hopes they'll live forever.

But, to all you people planning on attending the Annual Convention this year, be sure to take the trip to Harden Farms and look the place over at your leisure. Owner Charlie Harden will be your host—you'll enjoy the twinkle in his eye and the humor that is intensified by his friendly drawl. Although his business interests are numerous, Charlie knows the score on his farm and can answer your questions on farm and herd practices without assistance from the men who spend their full time there. No doubt Dr. Harrison will be at the microphone when the cattle are shown—he's a man that knows cattle as do few men alive today, and thus well worth your attention. A typewriter is a poor substitute for a personal visit—don't bother to read the rest of this article but be on hand June 5th.

HERDSMAN: Good job for good man. Fine Holstein herd; ultra modern barn and dwelling. Write giving detailed experience, references, salary expected. Not rich man's farm. Don't apply unless thoroughly experienced. **Write Box 525, Holstein-Friesian World, Lacona, N. Y.**

Our New Address

On March 1, 1950

We will be located in our new offices in the Seneca Bldg., Room 700, 121 East Seneca Street, Ithaca, New York.

NEW YORK HOLSTEIN-FRIESIAN ASSOCIATION

W. D. BROWN, Secretary

203 N. Aurora St., Ithaca, N. Y.

A Day at Jonabell

By BILL

On my way to the International at Indianapolis last October, I gave myself the pleasure of a stopover to pay a long deferred visit to Jonabell at Sewickley, Pa. Owner John A. Bell, Jr. and his "two right arms", George Goubeaud and son, Earle, gave me a personally escorted tour of one of my favorite small herds. The adjective small is used here advisedly. The Jonabell dairy barn contains half a dozen box stalls, used mostly for maternity and for the better producers while at the peak of their production, and a line of stanchions to take care of about fifteen more cows. The milking herd has to be kept down to this size, so when a heifer gets ready to have her first calf, one of the older cows has to move out to make room for her. That is why we occasionally see Jonabell selling a few top females at such sales as the Earlville Super-Duper or the Blue Ribbon in Wisconsin, and it also explains why they occasionally have a few good foundation females for sale at private treaty.

At the time of my visit last October, the No. 1 box stall housed Jonabell Rena, oldest daughter of Deubler, just fresh the day before my visit with a bull calf by Jonabell Son. This calf, who has since been named Jonabell Equipoise, is to be retained for a future Jonabell herd sire. Rena had just finished her eighth lactation, with a life total of over 115,000 lbs. on strictly 2X. She has an older son, Jonabell Solid Gold, that is now the senior herd sire at Jonabell, and has four daughters in the herd.

In the next stall was Jonabell Imperatrice, nearly ready to freshen. I hear she has since given them a daughter by Solid Gold and is starting a record that will make her last year's figure of 611 lbs. look small. She is a daughter of Deubler, out of Bellevue Ormsby First Lady.

Jonabell Cinderella, after making her second 600 lbs. record, freshened again last May with a Solid Gold daughter and is running strong this year, again bred to Solid Gold. She is a daughter of Deubler out of Ivy Bower Marigold, the top brood cow at Jonabell. Next came Jonabell Daisy, fresh in August with a Solid Gold daughter. She is Pennsylvania State Champion senior 4-yr.-old with 574.8 lbs. fat in 305 days 2X, and is starting what promises to be a considerably larger record this year.

In the last box stall was none other than old Marigold herself, now past 16 years of age and milking in her 13th lactation, after dropping twin bull calves in May sired by her two-year-old son, Jonabell Sun. This grand old cow came to Jonabell via the 1937 Royal Brentwood, consigned by her breeder, Tim Blosser of Indiana. She was then milking in her second lactation and carrying her third calf. The record shows that John Bell paid $475 for her, which was considerably above the average of the sale. Since coming to Jonabell she has

CRESTHAVEN FARMS
RFD 2
Kenosha, Wisconsin
Dr. P. S. Piffer,

We Have Three Nice Bulls For Sale

One is a service-age son of Creston Grand Master from a dam that has made over 47,000 lbs. milk and 1,500 lbs. fat through her first three lactations. She will have over 18,000 lbs. milk and 600 lbs. fat in her current year. Another is a service-age grandson of Pabst Bonnie Burke from a 578-lb., 3.8% 4-year-old daughter of Pabst Sir Belmont Colanthus. She is classified Good Plus.

Remember — "GRAND MASTER" Lives Here!

Creston Grand Master is our cocky 3-year-old son of Dunloggin Mistress Queen by Creston Twenty Grand (he by the Gold Medal "Chief" and out of famed "Pietje B"). The Grand Master calves growing up here are typical Mistress Queen granddaughters — dark-colored, thin-necked, silky young things of wonderful promise.

Full Information On Request

1949 ALL-AMERICAN PRODUCE OF ORMSBY TRIUNE PRINCESS

Admiral Ormsby Triune (V.G.) Silver Medal Type Sire

Former herd sire at Paganok—
6 AR daughters (12 rec.) MEB Average:
17249 Milk 615.5 Fat
18 HT daughters (27 rec.) 2X Average:
483.9 lbs. fat.
Proven prepotent for large size and dairyness—

Body Capacity 96.04%
Dairy Character 98.25%
Carrying on in our herd mainly through a double grandson, 3 double granddaughters and 4 granddaughters, all classified Very Good.
His maternal sisters (above) All-American Produce of 1949.

A son of Admiral Ormsby Triune, Paganok Admiral Ormsby Dean, has just been named the 119th Silver Medal Production Sire.

PAGANOK FARMS

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Does Lifetime Production Mean Anything to You?

We are using FIVE sons of TWO GREAT LIFETIME PRODUCERS as our herd sires. Here they are:

1. **PANSCO HAZEL DESIGNER (Excellent)**
   Dam: Pansco Hazel (Excellent)
   9 lactations — 211,767 M. 5.7% 7,915.8 F.
2. **PANSCO BELLE HAZEL**
   Dam: Pansco Hazel (Excellent)
   9 lactations — 211,767 M. 5.7% 7,915.8 F.
3. **PANSCO CALIFORNIAN**
   Dam: Pansco Hazel (Excellent)
   9 lactations — 211,767 M. 5.7% 7,915.8 F.
4. **PANSCO BELLE DESIGN (VG)**
   Dam: Pansco Belle War (Excellent)
   6 lactations — 152,559 M. 5.9% 5,158.8 F.
5. **PANSCO WARRIOR**
   Dam: Pansco Belle War (Excellent)
   6 lactations — 152,559 M. 5.9% 5,158.8 F.

Good type is a factor in longevity. Note that both of these great long-time producers are classified Excellent.

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R. O. P. REPORT FOR 1949 —

IN THE PAST 8 YEARS ANIMALS AT ELMCROFT HAVE COMPLETED 397 OFFICIAL RECORDS WHICH AVERAGE:

15,175 Lbs. Milk 3.77% 572 Lbs. Fat

DURING 1949 WE HAD 99 RECORDS REPORTED WHICH AVERAGE:

15,683 Lbs. Milk 3.81% 593 Lbs. Fat

7 2yr.olds
11 3yr.olds
7 4yr.olds
14 mature

16 on 5X
5 in 305 days

Of these 39 records, 14 were made by **Monogram** daughters and they averaged:

15,967 lbs. milk — 606 lbs. fat — 3.8%

Triune daughters were responsible for 11 records during the year and they averaged:

15,389 lbs. milk — 577 lbs. fat — 3.73%

Fully Accredited — **ELMCROFT FARMS** — Federally Listed

OSHAWA, — G. R. McLaughlin, Owner-Mgr. — ONTARIO

Harold Johnson, Herdsman

completed ten lactations for a total of 145,116 lbs. of 3.5% milk and has given them twelve calves, five sons and seven daughters.

Reference has already been made to her daughter, Cinderella, with two 2X records above 600 lbs. fat — 617 and 648 lbs., in fact. Three other milking daughters of Marigold were found standing in the regular line of stanchions. There were Jonabell Diana, just finishing her eighth lactation, which should put her over the 100,000-lb. mark; Jonabell All Gold, who had just finished a senior 4-yr.-old record of 704.4 lbs. fat and due again in December in time to qualify for the ten months division; and Jonabell Marigold, who made two 305-day records at 2 and 3 yrs., both above 400 lbs. fat and both with over 4% test, and was then about six weeks along on her third lactation and milking 53 and 54 lbs. a day.

Also standing in the line were the first two daughters of Solid Gold to freshen. Jonabell Peggy, out of Eastern Morn, was due to finish in December with one of the best 2-yr.-old records they have made at Jonabell; and Jonabell Satin, out of Jonabell Marigold, was just fresh a few weeks and milking 42 lbs. a day with 4% test.

Then there were two daughters of Rena in the milking line. They are Jonabell Ferida, with records up to 690 lbs. fat; and One I Love with 570 lbs. at 4½ yrs., and finishing another large record in December. There were also three milking daughters of Ferida in line, Katrina, Gold Market and New Year, the twin sister to Gold Market, named Gold Mint, having been sold in the Blue Ribbon Sale of 1947.

Others in the line included Pure Gold, daughter of All Gold; Pure Silk, daughter of Katrina; Gift, daughter of Imperatrice; also several other daughters of Jonabell Gold.

The staff of herd sires is headed by Jonabell Solid Gold, five-year-old son of Jonabell Rena. Here is a bull that would not look bad in any class of aged bulls, if he were dolled up for showing. Have already mentioned his first two daughters to freshen and a little later I was to see ten bred and open heifers sired by him and out of some of the greatest cows in the herd, and not a plain one in the lot.

Also in heavy service is Jonabell Sculptor, son of Solid Gold out of Bellevue Ormsby First Lady, until her death in 1948 one of the top foundation cows of the herd. Coming two years old, his first calves were just arriving.

John Bell's pride and joy is Jonabell Citation, just going into service. He is a December 1948 calf out of One I Love and sired by Jonabell Sun, a former herd sire, he by Solid Gold and from old Marigold. Later they showed me a number of yearling heifers that will be mated with Citation, including Solid Gold daughters out of such dams as Rena, Ferida, Diana, All Gold, Young Marigold and Gold Market — also a daughter of Peggy sired by Sun.

(Continued on page 121)

ADVANCED REGISTRY REPORTS

Holstein-Friesian Association of America

Advanced Registry Report No. 22

ADVANCED REGISTRY

Of the 159 records reported in this issue, two were made in Classification 4X, 84 in Classification 2X and 69 in Classification 1X. There are 83 records in the Ten-Months Division and 76 records in the Yearly Division.

The highest record in this report was made by Lady Hark Burke Gerben Cola Johan 2825361 (G) who at 4 years, 6 months produced 23575 lbs. milk, 3.8% and 894.7 lbs. fat in 365 days in Classification 4X. She was bred and is owned by the United States Dairy Division, Beltsville, Md.

There are four other records over 900 lbs. fat reported in this issue.

New State leaders are reported in five different states: Illinois, Kansas, Nebraska, Ohio and Virginia. Illinois has two new state champions, both owned by E. H. Ravenscroft, Antioch, Ill.

NEW STATE LEADERS

Ten-Months Division

ILLINOIS

	Milk	%	Fat
Ravenglen Senatora Triune 2488933 1X 4-7 C.C. 184d E. H. Ravenscroft, Antioch, Ill.	17807	4.5%	795.7
Ravenglen Senatora Karen 2543626 1X 3-10 C.C. 211d E. H. Ravenscroft, Antioch, Ill.	17323	4.1%	715.5

KANSAS

	Milk	%	Fat
Kanstacol Madcap Brightness 2700564 1X 3-11 C.C. 246d Kansas State College, Manhattan, Kans.	13099	3.9%	505.8

NEBRASKA

	Milk	%	Fat
N P Rocky Kilt Countess 2548272 (GP) 1X 3-11 C.C. 186d University of Nebraska, North Platte, Nebr.	14345	4.4%	631.4

OHIO

	Milk	%	Fat
Mountain Ash Rosebud 2656778 (GP) 2X 3-3 C.C. 145d Est. of Earl Hart, Lebanon, Ohio	16781	3.7%	619.5

VIRGINIA

	Milk	%	Fat
Brackel Farm Montvic P F Emily 2436898 (GP) 3X 4-8 C.C. 205d Charles R. Hope & Son, Purcellville, Va.	17124	4.2%	718.7

Name of Cow, Sire, Breeder and Owner	Age Y.	M.	L. of Car. D.	Milk Lbs.	% Fat	Fat Lbs.
TEN-MONTHS DIVISION 4X						
Junior Two-Year Class						
Wis Lilac 2683293 (Weber Wyo Burke Bubbler) B. & O., Wisconsin State Reformatory, Green Bay, Wis.	2	8	305	163	13979	3.7	493.1
Wis Imogene 2722519 (Weber Pinky Fair Boy) B. & O., Wisconsin State Reformatory, Green Bay, Wis.	2	2	305	155	11015	3.5	383.6
TEN-MONTHS DIVISION 2X							
Full-Aged Class							
Rocky Hill Mont Inka Mildred 2390677 (VG) (Montvic Bonheur Abbekerk) B. & O., Mark L. & Bruce W. Borror, Springville, Calif.	6	10	289	227	17690	4.3	754.5
Stockton Thelma Hank 2399754 (Stockton Hank) B. & O., Stockton State Hospital, Stockton, Calif.	5	8	305	186	20443	3.6	743.9
Stockton Cherry Matchless 2293765 (Mendocino Matchless) B. & O., Stockton State Hospital, Stockton, Calif.	7	4	305	174	18884	3.9	729.0
Ormsby Triune Princess 3d 2352012 (King Bessie Senator) B. & O., E. H. Ravenscroft, Antioch, Ill.	5	6	305	166	18162	3.7	666.7
Mallary Farm Peach Lucile 2343040 (E) (Montvic Peach Rag Apple) B. & O., R. DeWitt Mallary, Bradford, Vt.	6	0	305	179	19682	3.4	669.5
Dutchland Peach Genevieve 2884616 (Dutchland Peach Gugartha) B., Ira Bauman, Elmira, Ont. O., Elmwood Farms, Lake Forest, Ill.	5	7	305	217	18178	3.6	648.5
Adohr Dayton Edith 2466552 (Adohr Dayton) B. & O., Adohr Milk Farms, Camarillo, Calif.	5	3	305	175	18768	3.4	642.3
Charmert Eileen Inka Fayne 2588156 (Emperor Haselwood Olena) B., Henry Mertz, New Paltz, N. Y. O., Cashman Farm, Hopewell Junction, N. Y.	5	10	305	205	18201	3.5	636.8
Stockton Josie 2388223 (Stockton Joe Triune) B. & O., Stockton State Hospital, Stockton, Calif.	8	1	305	188	15815	4.0	616.7
Marathon Lassie Man-O-War 2181235 (GP) (Newmont Man-O-War Ormsby Prince) B., Chester H. Foote, Ft. Edward, N. Y. O., Harden Farms, Camden, N. Y.	7	3	305	208	18140	3.4	615.8
Richman Virginia Pontiac 2280401 (Carnation Pathfinder) B. & O., Richman Farms, Lodi, Ohio	7	1	305	178	17752	3.4	606.0
Mallary Farm Peach Lena 2277870 (VG) (Montvic Peach Rag Apple) B. & O., R. DeWitt Mallary, Bradford, Vt.	6	8	305	181	15617	3.8	599.4
McDonogh Golden Greenwood Joy 2314462 (Dunloggin Pure Gold) B. & O., McDonogh School, McDonogh, Md.	6	6	304	211	15741	3.6	564.3
Overton Babe Colantha Dewdrop 2811317 (Rag Apple Echo Colantha) B., Earl P. Beyer, Stratford, Ont. O., C. M. Bottema, Jr. Bridgeport, Ind.	5	5	295	203	18422	3.8	514.7
McDonogh Mistressette 2327846 (McDonogh Lieutenant) B. & O., McDonogh School, McDonogh, Md.	7	5	305	221	13915	3.6	498.3
Senior Four-Year Class							
Ravenglen Senatora Triune 2488933 (King Bessie Senator) B. & O., E. H. Ravenscroft, Antioch, Ill.	4	7	305	184	17807	4.5	795.7
Brackel Farm Montvic P F Emily 2436898 (GP) (Montvic Pathfinder Priestaker)	4	8	305	202	17124	4.2	718.7
B., C. B. Harvey, Cincinnatus, N. Y. O., Charles R. Hope & Son, Purcellville, Va.	State Leader						
F V D Comanche Juliet 2536985 (North Star Comanche) B., Mrs. G. C. Woods, Tucson, Ariz., O., G. F. Woods, Tucson, Ariz.	4	6	305	206	17393	3.3	569.3
Senior Three-Year Class							
Ravenglen Senatora Karen 2543626 (King Bessie Senator) B. & O., E. H. Ravenscroft, Antioch, Ill.	3	10	305	211	17323	4.1	715.5
Oestle Lochinvar Homestead 2752565 (Montvic Peach Lochinvar No 2)	3	10	305	198	17722	3.3	589.1
B., A. C. Oosterhuis, Oconomowoc, Wis. O., William Warren, Bay City, Mich.	State Leader						
Farfields Rose Excellency 2596940 (GP) (Farfields Excellency) B. & O., F. W. Tullis, Monroe, Mich.	3	6	305	186	18149	4.1	532.8
Senior Two-Year Class							
Turner Farm Lady Veeman 2781071 (F) (De Kol Prilly Colantha Veeman) B. & O., J. C. Turner & Howard W. Walt, Cassadaga, N. Y.	2	8	305	168	18139	3.2	589.2
Yankton Segis Colantha 2643458 (G) (Yankton Colantha Louis) B. & O., Yankton State Hospital, Yankton, S. Dak.	2	8	305	162	15554	3.7	582.6
F V D Comanche Emma 2882116 (North Star Comanche) B., Bessie L. Woods, Tucson, Ariz. O., G. F. Woods, Tucson, Ariz.	2	8	305	177	15934	3.5	554.0
Stockton Matchless Mae 2698188 (Mendocino MacArthur) B. & O., Stockton State Hospital, Stockton, Calif.	2	11	305	181	14973	3.5	516.8

Name of Cow, Sire, Breeder and Owner	Age Y.	Age M.	L. of R.	Cur. Calf	Milk Lbs.	% Fat	Fat Lbs.
Stockton Sleepy Mae 2600197 (Wendoctoe MacArthur) B. & O., Stockton State Hospital, Stockton, Calif.	3	11	305	187	13033	3.8	501.1
Ravenglen Senatora Montvic Hartog 2800671 (King Beasie Senator) B. & O., E. H. Ravenscroft, Antioch, Ill.	2	11	305	211	11787	4.2	495.8
Miss Daggy Miller Supreme 2700753 (G) (King Beasie Miller Supreme) B. & O., H. G. Miller, Northfield, Minn.	3	11	305	218	9335	3.3	307.9
Junior Two-Year Class							
Stockton Woodhine Hank 2600190 (Stockton Hank) B. & O., Stockton State Hospital, Stockton, Calif.	2	0	305	164	15715	4.0	636.2
Adohr Emblem Carlotta 2700550 (Adohr Emblem) B. & O., Adohr Milk Farms, Camarillo, Calif.	2	5	305	168	15747	3.9	621.4
Moustale Ash Roosbud 2806779 (GP) (Burta Pabco Ormsby) B., J. B. Cain, Glenbeulah, Wis. O., Est. of Earl Hart, Lebanon, Ohio	2	3	298	165	16781	3.7	619.5
	State Leader						
Ravenglen Hartog Emily 2700631 (Ravenglen Montvic Hartog) B. & O., E. H. Ravenscroft, Antioch, Ill.	2	4	305	213	16047	3.5	561.6
S D I Trine Beasie 2750565 (F) (Threeply-Nine-O-Five Line-Grrb-Colan) B. & O., U. S. Dairy Division, Beltsville, Md.	2	1	305	166	13011	4.2	557.3
Stockton Jolly Hank 2d 2641309 (Stockton Midway) B. & O., Stockton State Hospital, Stockton, Calif.	1	11	305	179	14993	3.6	535.5
Stockton R S S Millie 2600652 (Ravenglen Senator Supreme) B. & O., Stockton State Hospital, Stockton, Calif.	2	3	305	162	14923	3.6	533.6
Greta Inka Ormsby Burke 2741395 (Hartog Inka Burke) B., T. S. Lyons, Clatskanie, Oreg. O., Agnes Van Havel, Astoria, Oreg.	2	4	304	219	15302	3.5	532.7
Westinke Monty Irma Joan 2929973 (F) (Westinke Bonheur Pat Monty) B. & O., C. L. Weston, Lakeside, Calif.	2	3	305	171	13168	3.6	474.1
Foreagate Carnation Piebe Model 2700679 (GP) (Foreagate King Piebe) B. & O., Foregate Farms, Jamesburg, N. J.	2	5	305	178	11990	3.7	442.3
Yankton Pabco Pietertje Segis 2718342 (GP) (Yankton Korndyke Ormsby Pietertje) B. & O., Yankton State Hospital, Yankton, S. Dak.	2	2	305	184	10715	3.4	366.5
Governor Miller Katy 2705763 (G) (King Beasie Miller Supreme) B. & O., H. G. Miller, Northfield, Minn.	2	4	305	231	9793	3.3	325.3
TEN-MONTHS DIVISION 2X							
Full-Aged Class							
Elmwood Admiral Pride 2426300 (VG) (Elmwood Hengerveld Pride) B., J. C. Kieffer, Auburndale, Wis. O., Cornell Farm, Winfield, Ill.	5	10	305	188	17130	3.8	649.4
N P Funny Butt Kilt 2606320 (GP) (Matador Funny Kilt) B. & O., University of Nebraska, North Platte, Nebr.	6	10	305	164	17207	3.6	622.7
Edwarnee Michigan Pride 2296144 (Carnation Ormsby Sir Beasie) B. & O., Edward M. Arnoe, Adrian, Mich.	6	6	305	168	14226	3.5	504.1
Way Brook Alameda Snowball 2301613 (Hays Inka Alameda) B. O. Chambers, Wilfrid, Ont. O., Walter W. Burtis, Cortland, N. Y.	7	0	305	191	11887	3.2	384.8
Arbuta Jean Ormsby Pabco 2304797 (GP) (Osborndale Ormsby Judge) B. & O., Merle H. Green, Elsie, Mich.	5	0	291	224	11159	3.0	346.3
Distinction Colony Princess 2609273 (Colony George Sir Hello) B., John Wuethrich, Greenwood, Wis. O., John Wuethrich Creamery Co., Greenwood, Wis.	9	5	305	214	9680	3.4	331.9
Ramstead Matador Dainty Dawn 2305621 (VG) (Waldale Matador Ormsby) B. & O., Kansas State College, Manhattan, Kans.	6	9	305	168	10397	3.1	318.5
Senior Four-Year Class							
Carnation Hello Lady Korndyke 2484000 (Carnation Governor Imperial) B., Carnation Milk Farms, Seattle, Wash. O., John Wuethrich Creamery Co., Greenwood, Wis.	4	6	305	192	13994	4.0	564.2
Wil-Di Doll Queen 2500264 (VG) (Stonyside Admiral) B. & O., William J. Figi, Argyle, Wis.	4	11	305	160	13346	4.2	559.8
Ardyne Tottilla Hartog Governess 2616193 (VG) (College Graham) B., O. B. Crow, Hespeler, Ont. O., Merle H. Green, Elsie, Mich.	4	7	305	181	12209	3.5	428.3
Reidcrest Alcartra Cornucopia 2457193 (Reidcrest Korndyke Cornucopia) B., C. M. Bottema, Indianapolis, Ind. O., Harold Montgomery, Johnstown, Ohio	4	6	303	218	11158	3.6	400.2
Newlaco Pabco Kate 2883506 (King Tidy Pabco of Ventnor) B. & O., No. Wis. Colony & Training School, Chippewa Falls, Wis.	4	7	303	228	10037	3.7	368.5
Junior Four-Year Class							
Hens Inka Pabco Ormsby Homestead 2537504 (Firestone Inka Pabco Homestead) B., H. S. Dalton, Wakeman, Ohio O., Robert G. Ripley, Urbana, Ohio	4	0	305	230	12281	3.4	412.3
Dairy Johanna Expectation 2837363 (GP) (Brookevale Expectation Pabo) B., Lloyd Gilmar, Woodstock, Ont. O., Frank Gaglio, Richmond, Mich.	4	1	276	208	7806	4.1	327.8
Lily Pabst Supreme 2740773 (Major Bonheur Tensen Supreme) B., J. L. King, Stratford, Ont. O., Harold Montgomery, Johnstown, Ohio	4	3	285	215	8582	3.6	310.7
Senior Three-Year Class							
N P Rocky Kilt Countess 2548272 (GP) (Carnation Concentrator) B. & O., University of Nebraska, North Platte, Nebr.	2	11	305	182	14345	4.4	631.4
	State Leader						
Rob Roy Texal Rag Apple Peg 2808214 (G) (Lomelm Texal Rag Apple King) B., J. J. & D. G. Campbell, Belmont, Ont. O., Charles Ames, Hudson, Mich.	2	6	305	210	10200	4.3	439.2
Curtiss Candy Renown Inez 2548783 (Montvic Renown) B. & O., Curtiss Candy Co., Chicago, Ill.	2	9	305	257	10541	4.1	428.3
Win-View Neta June Pabco 2540740 (G) (Crescent Beauty Neta Prince) B., John V. Elam, Winfield, Kans. O., Luther Shetlar, Conway Springs, Kans.	2	10	244	138	9923	3.8	378.3
Gilkey Ambassador Donna 2556016 (Carnation Madcap Ambassador) B., H. S. Gilkey, Owatona, Minn. O., Leonard G. W. Gabbert, Owatona, Minn.	3	6	305	203	9660	3.8	367.4
Junior Three-Year Class							
Sinking Springs Ormsby Cadence 2867328 (GP) (Sinking Springs Ormsby Rag Apple) B. & O., Louis J. Appell, York, Pa.	3	3	305	163	14597	3.8	559.2
N P Blayer Charlene 2637067 (VG) (Carnation Concentrator) B. & O., University of Nebraska, North Platte, Nebr.	3	2	305	169	13316	4.0	525.5
Rob Roy Texal Rag Apple Rose Ann 2808215 (G) (Lomelm Texal Rag Apple King) B., J. J. & D. G. Campbell, Belmont, Ont. O., Charles Ames, Hudson, Mich.	3	5	305	217	10075	4.5	455.2
N P Kilt Blayer Imogene 2792197 (G) (Carnation Hello Imperial) B. & O., University of Nebraska, North Platte, Nebr.	3	0	305	205	9816	4.5	446.2
Milkmaid Burke Echo 2825348 (GP) (Pabst Burke Breeze) B., Howard S. Lahner, Oconto Falls, Wis. O., Killybracken Farm, Wayne, Ill.	3	4	305	222	11106	3.8	442.2
Newlaco Pabco Pride Lattie 2824305 (King Tidy Pabco of Ventnor) B. & O., No. Wis. Colony & Training School, Chippewa Falls, Wis.	3	5	305	208	10408	3.7	386.4
W I S Madeline 2838618 (W I S King Royal Dell) B. & O., Wisconsin School for Boys, Waukesha, Wis.	3	2	281	232	9674	3.6	345.2
Senior Two-Year Class							
Ramstead Madcap Brightness 2700564 (Carnation Madcap Marshall) B. & O., Kansas State College, Manhattan, Kans.	2	11	305	245	13095	3.9	505.8
	State Leader						
Enchantress Nifty Abbekerk 2800000 (Colanthus Rag Apple Magnificent) B., C. E. Johnson, Capron, Ill. O., Elmwood Farms, Lake Forest, Ill.	2	7	305	241	13878	3.4	465.1
Sutton Oaks Sexton Sparks 2702218 (Sutton Oaks Var Sexton) B. & O., J. A. Sutton, Visalia, Calif.	2	4	305	158	12676	3.4	435.6
Curtiss Candy Madcap Quality 2854000 (Carnation Madcap Supreme) B. & O., Curtiss Candy Co., Chicago, Ill.	2	10	305	215	12166	3.3	423.0
Stoffel Carnation Cascade Mary 2870417 (Carnation Bracelet Homestead) B. & O., John M. Stoffell, Knoxville, Tenn.	2	6	292	221	8314	3.5	316.3
Junior Two-Year Class							
Newlaco Tidy Mamsell Ollie 2732455 (King Tidy Pabco of Ventnor) B. & O., No. Wis. Colony & Training School, Chippewa Falls, Wis.	2	5	305	219	13232	3.6	471.8

Name of Cow, Sire, Breeder and Owner	Age Y.	Age M.	L. of R.	Car. Calf	Milk Lbs.	% Fat	Fat Lbs.
W I S Lieutenant Rose Sprig 2731419 (Wis Lieutenant)	1	11	302	230	11740	3.7	436.3
B. & O., Wisconsin School for Boys, Waukesha, Wis.							
Hiatlantica Orany Typecastter 2694346 (Hiatlantica Typecastter Princess)	2	5	305	232	9974	4.0	399.7
B., John Wuethrich, Greenwood, Wis. O., John Wuethrich Creamery Co., Greenwood, Wis.							
Rishel Ormsby Judy 2727099 (F) (Colantha Burke Ormsby Fubes)	2	1	305	168	10934	3.6	396.5
B. & O., Norman E. Rishel, York, Pa.							
Sutten Oaks Sexton Bee 2694374 (Sutten Oaks Var Sexton)	3	4	305	168	10981	3.6	395.7
B. & O., J. A. Sutten, Visalia, Calif.							
Sutten Oaks Sexton Bessie Golden 2718019 (Sutten Oaks Var Sexton)	2	1	305	175	10525	3.6	376.6
B. & O., J. A. Sutten, Visalia, Calif.							
Skokie Princess Vale 2726730 (Dunloggin Lochinvar Prince)	2	0	305	230	9428	3.9	364.6
B. & O., Elmwood Farms, Lake Forest, Ill.							
Dellinger Colantha D Day Invada 2777304 (Dellinger Colantha Senator)	2	3	305	228	9353	3.3	310.8
B. & O., Clark Wm. Dellinger, Jeffersonville, Ind.							
Dellinger Colantha Dawn 2777306 (Dellinger Colantha Senator)	2	0	305	214	8883	3.3	295.8
B. & O., Clark Wm. Dellinger, Jeffersonville, Ind.							
YEARLY DIVISION 3X							
Full-Aged Class							
Lady Hark Burke Gerben Coin Johan 2323381 (G) (Douglas Buttercup Hark)	6	6	365	—	23575	3.8	894.7
B. & O., U. S. Dairy Division, Beltsville, Md.							
Turner Farm Ella 2330406 (VG) (Turner Farm Roebuck)	5	10	365	89	25077	3.4	860.3
B. & O., J. C. Turner & Howard W. Wait, Cassadaga, N. Y.							
Stockton Thelma Hank 2300734 (Stockton Hank)	5	8	365	346	22695	3.6	816.5
B. & O., Stockton State Hospital, Stockton, Calif.							
Helwyn Miss Ormsby Walker 3d 2695832 (Man-O-War Factor)	8	5	365	142	21067	3.8	803.4
B., Bouic Brothers, Ostrander, Ohio O., Est. of Earl Hart, Lebanon, Ohio							
Stockton Cherry Matchless 2293705 (Mendocino Matchless)	7	4	365	234	20181	3.9	784.4
B. & O., Stockton State Hospital, Stockton, Calif.							
Mountain Ash Rose De Kol 2303850 (VG) (Mountain Ash Admiral Lad)	6	11	298	—	21263	3.7	779.2
B., J. B. Cain, Glenbeulah, Wis. O., Est. of Earl Hart, Lebanon, Ohio							
Burton Walker Silas May 2109569 (VG) (Paulholm Burton Prince)	8	6	365	—	19955	3.7	745.9
B., T. H. Winslow, Caldwell, Idaho O., C. L. Weston, Lakeside, Calif.							
Stockton Mend Chieftain 2653147 (Carnation Chieftain Piebe De Kol)	9	0	365	—	21320	3.4	735.5
B. E. L. Maddocks, Gustine, Calif. O., Stockton State Hospital, Stockton, Calif.							
Kyland Recovery Flossie 2484638 (G) (Pioneer Home Ferdinand)	5	5	365	113	19953	3.7	730.0
B., W. J. Martin, Darlington, Wis. O., W. D. Kyle, Jr., Oconomowoc, Wis.							
Mooseheart Admiral Creamette 2244349 (VG) (Luxmont Admiral Superdella)	6	9	365	155	19880	3.6	722.6
B. & O., Mooseheart, Ill.							
Glenvilla Glenly Abbekerk 3629830 (GP) (Cherry Lane Rag Apple Texal)	5	7	365	329	18237	4.0	726.8
B., T. D. Boyce, Palgrave, Ont. O., Ralph A. Thompson, Clymer, N. Y.							
Adohr Dayton Edith 2486552 (Adohr Dayton)	5	3	365	235	20708	3.4	707.4
B. & O., Adohr Milk Farms, Camarillo, Calif.							
Whirthill Omot Margie Ormsby Peach 2442385 (GP) (Osborndale Morris Ormsby Tovarich)	5	1	354	188	16772	3.8	636.4
B., Jas. M. Osborn, Wallingford, Conn. O., Whirlwind Hill Farm, Wallingford, Conn.							
Richman Virginia Pontiac 2280401 (Carnation Pathfinder)	7	1	342	210	18540	3.4	635.5
B. & O., Richman Farms, Lodi, Ohio							
Colantha Peach Pietje Ormsby 2355165 (Mallary Farm Larry)	5	3	365	192	15810	3.5	559.4
B., Walter K. Howe, Tunbridge, Vt. O., H. P. Hood & Sons, Boston, Mass.							
Foregate Pride Veeman Fubes 2169715 (G) (Foregate King Ona Pride)	8	1	238	48	16078	3.6	538.7
B. & O., Foregate Farms, Jamesburg, N. J.							
Stockton Sleepy Inka 2609866 (Sleepy Hollow Sir)	5	11	365	98	14750	3.6	526.0
B. & O., Stockton State Hospital, Stockton, Calif.							
Cromdell Lassie Wayne 2354839 (Hartog King Wayne)	5	7	337	—	11724	4.0	464.3
B., S. M. Crom, Espyville, Pa. O., Richman Farms, Lodi, Ohio							
Senior Four-Year Class							
Ravenglen Senatora Triune 2400933 (King Bessie Senator)	4	7	365	244	19590	4.5	879.3
B. & O., E. H. Ravenscroft, Antioch, Ill.							
Stockton Harold Mead 2501168 (Stockton Harold)	4	11	365	181	20520	3.9	792.7
B. & O., Stockton State Hospital, Stockton, Calif.							
Brackel Farm Montvic P F Emily 2430890 (GP) (Montvic Pathfinder Priestaker)	4	8	332	329	18134	4.2	760.4
B., C. S. Harvey, Cincinnatus, N. Y. O., Charles R. Hope & Son, Purcellville, Va.							
Stockton Mercedes Matchless 2501181 (Stockton Matchless Mercedes)	4	6	365	115	18988	3.7	696.4
B. & O., Stockton State Hospital, Stockton, Calif.							
Senior Three-Year Class							
Foregate Peach Beaver 2546164 (VG) (Colonel Med Peach)	3	7	363	—	17626	3.5	616.8
B. & O., Foregate Farms, Jamesburg, N. J.							
Hood Farms Colantha May 2518484 (Newmont Major 6th)	3	11	365	201	15586	3.6	566.1
B. & O., H. P. Hood & Sons, Boston, Mass.							
Brackel Farm Montvic P F Thelma 2530965 (VG) (Montvic Pathfinder Priestaker)	3	10	366	194	18163	4.0	724.9
B., C. S. Harvey, Cincinnatus, N. Y. O., Charles R. Hope & Son, Purcellville, Va.							
Miss-Doug Burk Piebe Line-Gerb-Col-Jo 2540340 (F) (Sir Douglas Quad-Gerben Line Colan W)	3	6	168	—	10295	3.8	395.1
B. & O., U. S. Dairy Division, Beltsville, Md.							
Junior Three-Year Class							
McDonogh Golden Emily 2551919 (Dunloggin Pure Gold)	3	3	365	45	17089	3.7	673.5
B. & O., McDonogh School, McDonogh, Md.							
Vista Lane Lady Roamer 2579583 (GP) (Pabst Roamer)	3	4	365	120	20112	3.3	666.0
B., John O. Konop, Manitowoc, Wis. O., Baird Brothers, Waukesha, Wis.							
Pabst Princess Admiral Ann 2540981 (VG) (Pabst Roamer)	3	7	264	—	16480	3.5	571.2
B., Pabst Farms, Oconomowoc, Wis. O., Est. of Earl Hart, Lebanon, Ohio							
Linmore Hazel Sandra 2579206 (GP) (Hollrose Hazel Inka)	3	5	365	—	11897	3.7	439.9
B. & O., Lindow Bros., Portland, Oreg.							
Senior Two-Year Class							
B D I Gay June 2608478 (G) (Rose Hill Emperor Governor)	2	10	365	—	16133	3.8	607.7
B. & O., U. S. Dairy Division, Beltsville, Md.							
Westlake Bonheur Beauty Snowball 2795374 (F) (Westlake Bonheur Abbekerk)	2	6	365	218	12844	4.1	528.4
B. & O., C. L. Weston, Lakeside, Calif.							
Junior Two-Year Class							
Adohr Emblem Carlotta 2709530 (Adohr Emblem)	2	5	365	228	18412	4.0	737.3
B. & O., Adohr Milk Farms, Camarillo, Calif.							
Turner Farm Lu 2781077 (F) (De Kol Prilly Colantha Veeman)	2	0	365	—	17734	4.0	717.9
B. & O., J. C. Turner & Howard W. Wait, Cassadaga, N. Y.							
Stockton Matchless Imperial Hank 2690211 (Stockton Hank)	2	3	365	174	19931	3.3	659.7
B. & O., Stockton State Hospital, Stockton, Calif.							
S D I Trixo Rosalie 2785362 (F) (Threeply-Sine-O-Five Line-Gerb-Colan)	2	1	365	226	14231	4.8	613.0
B. & O., U. S. Dairy Division, Beltsville, Md.							
McDonogh Golden Ella 2785095 (Dunloggin Pure Gold)	2	1	365	33	16213	3.7	599.9
B. & O., McDonogh School, McDonogh, Md.							
Stockton Harold Agnes 2690195 (Stockton Harold)	2	2	365	—	14626	3.7	545.9
B. & O., Stockton State Hospital, Stockton, Calif.							
Stockton R S S Star 2841293 (Ravenglen Senator Supreme)	1	11	365	185	12381	4.3	530.7
B. & O., Stockton State Hospital, Stockton, Calif.							
Foregate Carnation Piebe Model 2790979 (GP) (Foregate King Piebe)	2	5	365	238	13974	3.7	522.1
B. & O., Foregate Farms, Jamesburg, N. J.							
Stockton R S S Burke 2841292 (Ravenglen Senator Supreme)	2	1	365	142	14965	3.5	522.1
B. & O., Stockton State Hospital, Stockton, Calif.							

Name of Cow, Sire, Breeder and Owner	Age Y.	Age M.	L. of R.	Car. Calf	Milk Lbs.	% Fat	Fat Lbs.
McDonogh Golden Redection 2746886 (Dunloggin Pure Gold) B. & O., McDonogh School, McDonogh, Md.	2	9	366	100	15949	3.2	503.9
Westlake Monty Irma Jean 2820073 (F) (Westlake Bonbeur Pat Monty) B. & O., C. L. Weston, Lakeside, Calif.	2	2	314	199	13541	3.6	486.9
McDonogh G M Louise 2746887 (McDonogh Gold Rush) B. & O., McDonogh School, McDonogh, Md.	2	2	365	—	13547	3.6	486.5
Westlake Bonbeur Ginger Idelia 2748270 (GP) (Westlake Bonbeur Abbekerk) B. & O., C. L. Weston, Lakeside, Calif.	2	9	365	179	13931	3.6	466.2
S D I Grasser Corn 2812630 (F) (Rose Hill Emperor Governor) B. & O., U. S. Dairy Division, Beltsville, Md.	2	9	237	—	10935	4.3	454.3
Stockton H S S Tritone 2841290 (Ravenglen Senator Supreme) B. & O., Stockton State Hospital, Stockton, Calif.	1	11	275	—	12567	3.5	440.0
S D I Gotwin Carmen 2790432 (G) (Rose Hill Emperor Governor) B. & O., U. S. Dairy Division, Beltsville, Md.	2	2	240	—	9991	4.0	397.7
YEARLY DIVISION 2X							
Full-Aged Class							
Willow Grove Black Beauty 2734673 (VG) (Raymondale Ormsby King) B. William Clarkson & Sons, Weston, Ont. O., Edgar G. Ball, Elwood, Ind.	5	10	365	164	18266	3.4	634.0
Jonabell Impératrice 2371373 (Dunloggin Doubler) B. & O., John A. Bell, Jr., Sewickley, Pa.	5	4	365	176	16886	3.6	611.3
Dreano Peach Lass 2800832 (GP) (Eaton Hall King Peach) B. J. H. Sherk, Kitchener, Ont. O., Merle H. Green, Elsie, Mich.	5	6	365	88	15805	3.5	559.6
Lornabelle Mercedes Aaggie 2543265 (GP) (Orchard Leigh De Kol Prince) B. Victor J. Lawrence, Oakville, Ont. O., Merle H. Green, Elsie, Mich.	5	5	365	112	16588	3.3	550.3
Pabst Burke Burbetta Duchess 2359751 (Wisconsin Admiral Burke Lad) B. Pabst Farms, Oconomowoc, Wis. O., Silvis Farms, Inc., Greensburg, Pa.	5	3	365	116	15681	3.4	534.7
Fairfaxdale Ormsby Tillie 2187500 (VG) (Fairfaxdale Bob Ormsby Pontiac) B. Ben Miller, Au Gres, Mich. O., Merle H. Green, Elsie, Mich.	7	7	365	173	14658	3.4	497.5
Arbuta Lornabelle Hengerveld Segis 2342867 (VG) (Graymar King Bessie Koba) B., Victor J. Lawrence, Oakville, Ont. O., Merle H. Green, Elsie, Mich.	6	5	365	174	11723	3.9	443.8
Senior Four-Year Class							
Carnation Hello Lady Koradyke 3484900 (Carnation Governor Imperial) B. Carnation Milk Farms, Seattle, Wash. O., John Wuethrich Creamery Co., Greenwood, Wis.	4	6	341	238	14313	4.0	579.0
Ardyne Tolitha Hortog Governess 2818193 (VG) (College Graham) G. B. Crow, Hespeler, Ont. O., Merle H. Green, Elsie, Mich.	4	7	327	203	12446	3.5	437.4
Dismore Delia Julo 2422758 (Julo King Fobes) B. & O., H. E. Dickinson & R. Southcott, Oconomowoc, Wis.	4	9	241	16	9602	3.6	348.3
Junior Four-Year Class							
Golden Hill Cornucopia Peach 2868027 (GP) (F B Bonnie Peach) B., F. O. Hunter, Norval, Ont., O., Merle H. Green, Elsie, Mich.	4	3	365	11	16873	3.4	573.5
Senior Three-Year Class							
Robin Farm Christine 2870232 (Robin Farm Walker Direct Caesar) B. Henry Renouf, Belchertown, Mass. O., Charles Stroh, Suffield, Conn.	3	6	365	—	12899	3.7	483.1
Curtiss Candy Brown Ines 2848783 (Monovie Renown) B. O., Curtiss Candy Co., Chicago, Ill.	3	9	315	267	10603	4.1	431.3
Killybracken Governor Queen 2862437 (GP) (Governor Canary Inka) B. & O., Killybracken Farm, Wayne, Ill.	3	8	311	—	10160	3.9	401.1
Kansacol Eyebright Kara 2700559 (GP) (Pabst Sir Mercedes Eyebright) B. & O., Kansas State College, Manhattan, Kans.	3	10	294	154	10834	3.6	384.8
Enfern Valdeson Pabst 2598397 (Parkside Pearl Senator Payne) B. & O., F. G. Cheney, Williamston, Mich.	3	6	297	186	8589	3.7	316.0
Junior Three-Year Class							
Sutton Oaks Var Bell Toll 2639459 (Dunloggin Strath Var) B. & O., J. A. Sutten, Visalia, Calif.	3	2	365	206	13351	3.8	507.7
Milkmaid Burke Echo 2625348 (GP) (Pabst Burke Breeze) B., Howard N. Lehner, Oconto Falls, Wis. O., Killybracken Farm, Wayne, Ill.	3	4	337	255	11903	3.8	456.8
Silvis Farm Dame Estoem 2633017 (Pabst Eminent) B. & O., Silvis Farms, Inc., Greensburg, Pa.	3	1	296	—	7460	4.2	315.8
Senior Two-Year Class							
St Croixve Delia Melba Belmont 2844199 (VG) (Pabst Sir Belmont Columbus) B. & O., St. Croix County Hospital, New Richmond, Wis.	2	7	305	123	14421	4.5	647.8
Sutten Oaks Sexton Claremont 2721664 (Sutten Oaks Var Sexton) B. & O., J. A. Sutten, Visalia, Calif.	2	8	352	213	13021	3.5	459.0
Curtiss Candy Madcap Quality 2854900 (Carnation Madcap Supreme) B. & O. Curtiss Candy Co., Chicago, Ill.	2	10	321	271	12429	3.5	433.8
Green Meadow Fairy Bessie 2801993 (GP) (Spring Farm Carl Innovation) B., Victor J. Laurence, Oakville, Ont. O., Merle H. Green, Elsie, Mich.	2	9	365	73	9958	3.4	339.3
Junior Two-Year Class							
Sutten Oaks Sexton Bee 2604274 (Sutten Oaks Var Sexton) B. & O., J. A. Sutten, Visalia, Calif.	2	4	349	313	11614	3.6	420.7
Sutten Oaks Sexton Bessie Golden 2718919 (Sutten Oaks Var Sexton) B. & O., J. A. Sutten, Visalia, Calif.	2	1	339	269	11249	3.6	407.9
Distinction Jenny Typesetter 2604248 (Distinction Typesetter Princess) B., John Wuethrich, Greenwood, Wis. O., John Wuethrich Creamery Co., Greenwood, Wis.	2	5	307	234	10007	4.0	401.2
Dellinger Colantha D Day Invasia 2777304 (Dellinger Colantha Senator) B. & O., Clark Wm. Dellinger, Jeffersonville, Ind.	2	3	345	268	9792	3.4	329.7
Dellinger Colantha Dawn 2777306 (Dellinger Colantha Senator) B. & O., Clark Wm. Dellinger, Jeffersonville, Ind.	2	6	356	265	9403	3.4	316.8

PROGRESSIVE BREEDERS' REGISTRY

Nine Progressive Breeders' Registry awards are reported in this issue.

Joseph A. Hanson, Chetek, Wis. and Albert B. Craig, Sewickley, Pa. have each qualified for this honor for the sixth consecutive year. D. W. Huesink, Cedar Grove, Wis. has also met the requirements six times. Mr. Hanson and Mr. Huesink bring the total to four in Wisconsin who have qualified six times or more. Mr. Craig has the second six-year held in Pennsylvania. These three breeders made an aggregate of 16 in the United States who have earned the Progressive Breeders' Registry award six or more times.

Norman E. Rishel, York, Pa. and Chippewa County Hospital, Chippewa Falls, Wis. have each qualified for the fourth consecutive year. Mr. Rishel is the 8th breeder in Pennsylvania and Chippewa County Hospital the seventh in Wisconsin to achieve this honor four or more times. Together they bring the total for the United States to 31 who have measured up to these high standards four times or more.

John B. C. Tyler, West Newbury, Vt. has the second three-year herd in Vermont. He is the 61st breeder in the United States to qualify three times or more.

David J. Roberts, Sauquoit, N. Y. and Albert Grover, Galesville, Wis. have each made Progressive Breeders' Registry for the second consecutive year. Mr. Roberts has the distinction of receiving the 400th certificate that has been issued in Progressive Breeders' Registry. He is the 4th breeder in New York and Mr. Grover the 27th in Wisconsin to qualify for this highest of awards, twice or more. Together they bring the total to 96 in the United States who have made this accomplishment two or more times.

Walk Brothers, Neoga, Ill. are the 4th breeders in Illinois and were the 168th in the United States to enter Progressive Breeders' Registry.

Name and Address	No. Years	Animals Reg'd	No. Bred Fresh'd	by Owner		Avg. Prod.	Classif. Score
Albert B. Craig, Sewickley, Pa.	6 Consec. yrs.	28	20	20	21-2X	507.1	84.3
Joseph A. Hanson, Chetek, Wis.	6 Consec. yrs.	20	17	13	14-2X	556.2	84.3
D. W. Huesink, Cedar Grove, Wis.	6 yrs.	17	14	14	11-2X	405.4	85.7
Chippewa County Hospital, Chippewa Falls, Wis.	4 Consec. yrs.	57	42	33	56-1X	466.2	82.4
Norman E. Rishel, York, Pa.	4 Consec. yrs.	30	18	14	14-1X	428.2	83.3
John B. C. Tyler, West Newbury, Vt.	3 yrs.	63	34	34	34(12-1X) (12-1X)	453.5	83.5
Albert Grover, Galesville, Wis.	2 Consec. yrs.	24	16	12	15-1X	433.5	83.3
David J. Roberts, Sauquoit, N. Y.	2 Consec. yrs.	53	34	39	30-1X	534.5	83.7
Walk Brothers, Neoga, Ill.	1 yr.	37	19	17	17-2X	463.8	83.5

LEO R. BLANDING Advanced Registry Department

SUNNYHILL GRAND SOVEREIGN

Our Son of

Creston Twenty Grand

From This Great

"Sovereign" Daughter

Humbercrest Sovereign Lady
2y 365d 2X 14222 4.68% 664
3½y 365d 2X 16359 4.60% 753
(Now promising 800 lbs. at 5y, 2X, AR)

Sensational Production!

His 3 nearest dams avg.:
18,388 M. 4.7% 865.8 F.
(2 on 2X — 1 in heifer form)

INTRODUCE this blood into your herd through a son from a good cow family.

SUNNYHILL FARM

ANTIOCH, ILLINOIS

L. H. ARMOUR, Owner

E. J. STOLTZ, Supt.

A Day at Jonabell

(Continued from page 116)

A group of heifers bred to Sculptor were running at pasture. They included daughters of Solid Gold out of Old Marigold and her daughter Diana; also a daughter of Rena by Knight, who has freshened since my visit and is reported as starting as sensationally as did Ferida, her oldest daughter. There was also a daughter of Ferida by Solid Gold that was bred to Sun.

It was a great day for Jonabell when Dunloggin Deubler was purchased to head the herd. It was at the Royal Brentwood of 1956 that John Bell purchased this coal black baby bull, a son of Lashbrook Pearl Ormsby, sired by one of her older sons, Dunloggin Woodminster. The calf was purchased for $1400—a sensational price in 1956—after a red hot bidding battle with Mark Keeney of Overbrook. From the time Dunloggin Deubler came of service age, he and later his sons, grandsons and great-grandsons, many of them carrying two or three crosses to Deubler, have been used almost exclusively. Today the only two animals in the herd that are not Deubler descendants are Ivy Bower Marigold and Jonabell Daisy. To date he has four daughters that have made from 611 to 704 lbs. fat under the 2X milking conditions that prevail at Jonabell, and five others from 500 to 570 lbs. under the same conditions. Practically the entire milking herd is on test all the time and more 500-lb., 600-lb., and perhaps even some more 700-lb. records, appear to be in prospect during the coming year. The young heifers are coming on nicely, promising great things for the future, and John Bell is looking forward to the time when his entire herd will consist of descendants of Ivy Bower Marigold, Jonabell Rena and the late Bellevue Ormsby First Lady.

ALLEN T. GILKES DISPERSAL

(Held Nov. 15, 1949, at Andover, N. Y.; management of B. Olin and R. Charles Backus, Mexico, N. Y.)

Catalog Summary

20 Females		
2 Yrs. & Over	$6675	$333.75
(9 calves under 3 mos. a. w. d.)	795	88.33
1 Bred Yearling	165	165.00
8 Open Yearlings	1155	144.38
4 Bulls over 3 mos.	605	151.25
33	$8395	$284.70

The buyers:

Otis M. Preston & Sons, Arkport, N. Y. (2)
Brookdale Golden Posch (9-43) $675

Other buyers were: L. L. and D. D. Benjamin, Cuba; Richard W. Ellis, Caledonia; George E. Potter, Jasper; Frank L. House, Hornell; Kenneth Carl, Jasper; Wayne Hagerty, Arcade; A. J. McCaig & Son, Canisteo; Stanley de Groff, Portageville; Charlotte B. Titus, Camillus; Zemeic Bros., Hammondsport; L. D. Sanford, Almond; Howard & Clifford Green, Andover; Chas. & Nora Scott, Gussie O'Dell, Andover; Walter G. Berry, Canaseraga; Nelson & Howard Brewster, Andover; Alex J. Brown, Rexville; Marion F. Brown, Hinsdale, N. Y.; S. L. Cary, Mills; and William Olin, Osceola, Pa.

Statistical data furnished by B. Olin and R. Charles Backus, Mexico, N. Y.

MINRALTONE HELPS BUILD CHAMPIONS

Here's a group of daughters of Good Acres Advancer, Approved. Good Acres' outstanding herd of Ayrshires is noted for its uniform good health and high production. They're MinRaltone fed.

Good Acres' Outstanding Herd Protected Against

HIDDEN HUNGER*

Good Acres, a 1000 acre farm at Waynesboro, Pa. boasts 230 head of fine Ayrshires. The herd's excellence is widely known—and judging from the photograph above, it will continue to produce standout Ayrshires.

Mr. D. W. Good is owner of Good Acres; Franklin C. Gosburn, Manager, and Charles A. Wagner, Herdsman. According to these men—"*We've been feeding MinRaltone at Good Acres for five years, promoting it, and allowing the herd free access to it. We find MinRaltone helps keep our herd in top-notch condition.*"

What MinRaltone will do for one breed, it will do for all. Follow the lead of successful dairymen—feed MinRaltone to your herd. MinRaltone protects against Hidden Hunger* because it contains 11 essential mineral elements with Vitamin D. Write for free MinRaltone feeding booklet and complete details.

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*HIDDEN HUNGER—Lack of essential mineral elements needed by livestock for sturdy health, rapid growth, peak production and reproduction.

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MINRALTONE

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HERDSMAN WANTED

Man interested and capable of handling intelligently our small herd of registered high producing Holsteins. Modern home and farm buildings, well equipped. Cultural advantages for one with character and refinement. References required. Farm located on main road near church, schools and Grange. If you like good cows and general farming, contact immediately for interview. Tel. 1628 or 84-R.

S. P. WHITE

WILD ROSE FARM, ANDOVER, MASS.

WORLD Ads Will Help You

For the Office...

THE NEW STANDARD HERD REGISTER

Ideal for the small herd. Contains 50 female blanks, 3 male blanks, service record sheets, etc. (size 11¼ x 9 inches). Plastic bound, heavy pressboard cover; opens flat for easy writing.

Price $2.00

MASTER HERD REGISTER

A 3-ring loose-leaf binder of top quality (Fabrikoid imitation leather). Waterproof. Will last a life-time. Sheets for 75 cows, 3 extra pedigree blanks, index, etc. Size 11¼ x 9 inches.

Price $6.00

Extra blanks at $1.50 per 100; $1.00 for 50.

POCKET HERD REGISTER

A 3-ring binder of the same quality Fabrikoid, imitation leather, as the "Master." 97 blanks for females; 10 for males; service record blanks, index. Size 5¼ x 8¼ inches.

Price $4.00

Extra blanks at $1.00 per 100; 75c for 50.

BARN BOOK

A handy book to hang on a nail in the barn. Space for 50 cows and several year's breeding records, etc. Bound in heavy cream-colored paper. Inexpensive, useful.

Price $ .50

Also certificate envelopes for filing registration and transfer blanks at $1.50 per 100; $1.00 for 50; 40c per dozen. Milk Record Sheets for recording milk weights in the barn. Room for 12 cows for 31 days, 2X milking. $1.00 per dozen.

For the Bookshelf...

COWPHILOSOPHY

By Mark H. Keeney. Now in the 4th printing of the 2nd revised edition. A leader in the field of dairy publications. A text book for the breeder, written in cowman's language, and by a practical dairyman.

Price $3.00

(Canadian breeders should contact the HOLSTEIN-FRIESIAN JOURNAL, Canadian distributors, of Cowphilosophy).

FEEDS AND FEEDING (21st edition)

By F. B. Morrison. The bible of livestock feeders and the standard reference book of scientists. Contains 1200 pages, more than 200 illustrations, handsomely and substantially bound.

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By Frederick Brown Hadley, D. V. M. This is the veterinary book we have been waiting to see. Part 1 is devoted to a study of Anatomy and Physiology of Animals, and Part 2 to Animal Diseases. A very complete discussion in language understandable to the layman. 4th edition, completely revised; 581 pages, illustrated.

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Better Farming Methods—

Monthly Farm Guidance Letter for February, 1950

By ALBERT M. WOLF,
Farm Consultant

Memo to All Business, Including Farming. The source of profit in business, no matter what its nature may be, springs mainly from the proper use of the collective human ingenuity making up that business. The successful businesses of the future will be those whose employees like their jobs, have **reasonable** economic security, are treated like human beings and have the opportunity to participate in a creative and **profitable** manner in the productive process of the business. Such a business, quite naturally will produce a better product at a lower cost.

If the great bulk of business organizations, including farms above the family-size level, will organize themselves to meet the above stated requirements of a successful business, socialism, the handmaiden of communism, will have no chance to ruin this country as it has most of Europe and Asia.

A Word from a Scientist. Scientists may not "know it all", but they have a canny way of "putting the finger" on political poppycock. Here is what Dr. Vannebar Bush, wartime head of the Government scientific mobilization and head of the Carnegie Institution of Washington has to say about the present trend toward socialism.

"Dictatorship can compete with dictatorships and a free and virile democracy can outpace any such in the long pull. But a people bent on a soft security, surrendering their birthright of individual self-reliance for favors, voting themselves into Eden from a supposedly inexhaustible purse, supporting everybody by soaking a fast-disappearing rich, scrambling for subsidy, learning the arts of political logrolling and forgetting the rugged virtues of the pioneer, will not measure up to competition with a tough dictator."

That states our present position pretty well, and we might all well ponder the words of Dr. Bush and ask ourselves, "Are we doing everything in our power to preserve the America, that most of us, at least, love and cherish?" It is high time we awakened to our present peril, for there are more "red herrings" than we think, in too high places, in spite of the vociferous excuses being offered by a lot of commentators, who should know better.

Farm Machinery. Advances in the price of farm machinery in the very near future, are being predicted by those who should know, thanks to Philip Murray, John L. Lewis and some other people in high places who place the welfare of a chosen few, with valuable votes, above that of the majority of citizens. If you need any machinery to aid in putting in or harvesting this year's crop, we suggest you buy it at once.

Milk and Milk Products. Even with a reduced number of milk cows on farms, milk production for December was at a new record level of 8,550 million pounds with production per cow at highest levels. The total production was 5% above the 1938-47 December average of 8.174 million pounds. Heavy feeding and generally mild weather were responsible for this record production. Wisconsin cows supplied 1,037 million pounds of milk, the top total for any state, thus maintaining its claim to the title, "America's Dairyland." Even so, the average daily production of all cows in the United States on January 1, 1950, was only 14.67 pounds per day . . . and that is entirely too low a level to make dairying really profitable. When the average is nearer 30 pounds per day, everybody in the dairy industry will be happier and making more money. There are still **too many poor producing cows and poor feeders on the job.** Why not make it **your** goal in 1950 to start building up a herd that will average, at least 30 pounds of milk or about 11,000 pounds per year per cow? It is not half as difficult as you think, and you will find it really worth your while. No dairyman can afford to waste his time on cows that average only 15 pounds of milk a day for the year.

Retail milk and butter prices held fairly steady during the month of January as did that of cheese, condensed and evaporated milks. Just what effect the repeal of the tax on oleo will have on butter prices remains to be seen. From now on, the dairy industry must bend its efforts to see that oleo advertising is truthful and fair, which it has not always been in the past. Let us be watchful in 1950.

Poultry and Eggs. Egg production was at peak levels in all parts of the country during December, the average production per layer being 11.5 eggs as compared with 10.6 last year and an average of 7.8 eggs per hen. A gain of 50% in the rate of lay for the month is really something "to crow about" . . . but what will all this do to prices? The total egg production for the year 1949 was 2% above a year ago and 16% above the average for 1938-47. The annual rate of lay per hen has increased to 165 eggs as compared with 162 in 1948 and an average of 145. Eggs markets were weak in December due to heavy production and price trends will continue downward toward the average support level of 37 cents per dozen which is about 75% of parity. Chicken prices at the farm averaged 22.3 cents per pound live weight on December 15 as compared with 23.1 cents in November and 30.7 cents in December, 1948. Broiler prices declined 5 to 7 cents per pound while hens and roasters held fairly steady. Turkey prices averaged 35.3 cents per pound live weight in mid-December as compared with last year's record price of 51.4 cents. Hen turkeys sold at 10 to 15 cents under toms. Average poultry feed costs over the nation were up 7 cents per hundred

POSITION WANTED

Herdsman or test cow milker. Young man, single. Several years' experience at DX milking. Herdsman in present position for 4 yrs. Have also had considerable showing experience. **Address Box 321, Holstein-Friesian World, Laconia, N. Y.**

Herdsman Wanted

For a progressive registered Holstein herd in New Jersey. A married man with a son of working age desirable. A sober, conscientious and an all-around dairy farmer is the type we want. References, past experience and wages expected should be stated in letter. Modern home and all privileges included. A good future for the right man. Write—

Box 322

HOLSTEIN-FRIESIAN WORLD
Laconia, New York

We Suggest . . . . . .

Our Last Born Son of Sovereign

Born Dec. 1, 1949. There will not be any more. He is about half black, nicely marked and looks as if he would be a real individual.
His dam was our first prize 100,000-lb. cow at the first Holstein 100,000-lb. class in Canada last fall. She has been graded Very Good; has 14,162 lbs. 4.14% milk, 588 lbs. fat at 5 yrs., EX. Her dam had 14785 lbs. 4.06% milk, 601 lbs. fat at 5 yrs., 2X.
A maternal sister of this bull has just finished a 305-day record of 11,960 lbs. 4.08% milk with 488 lbs. fat at 8 yrs., 2X.
This bull calf is priced at $1000 delivered express prepaid about May 1st, and guaranteed to be satisfactory to the purchaser.

Would also like to suggest that we have Yorkshires, the bacon breed. Serviceable Boars—$90 delivered express prepaid.

DOUGLAS HART
Woodstock, Ontario
"Canada's Leading 100,000-lb. 2X Herd —Where Better Bulls are Bred".

Dairymen: You can INCREASE BREEDING EFFICIENCY

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is the high potency, low cost source of Vitamin "E". In dry form, it's easily added to feed.
Write for free folder, "The Dollars & Sense of Suppl-E-ment."

MONEY-BACK OFFER!

Send $6.40, check or money order, for 4 lb. trial package postpaid—enough for 8 cows for 1 month. (Contains as much Vitamin E as 4 gals. wheat germ oil.) Order today. Money refunded if not completely satisfied.

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For Sale — Dunloggin Footprint Heifer

Four months old, nicely marked, exceptionally deep-bodied and straight on top, a good growthy calf that will please any good breeder. She has a pedigree rich with good production records.

Sire: Dunloggin Footprint, son of Woodmaster (Gold Medal). Dam: a very nice large young cow by Jonabell Forward, son of Dunloggin Doubler (he also by Woodmaster). Priced to sell!

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Good Bull For Sale

Romeo Della, born June 2, 1948. Dark in color, very nice type.
Sire: Dunloggin Romeo Var, son of Montvic Lochinvar. From a twice 1000-lb. fat Woodmaster daughter.
Dam: Now on HIR test, a daughter of Lauxmaster, son of Dunloggin Mistress Queen — and next dam an 893-lb. fat cow.
A choice one you will like. First check for $500 takes this one.

HELEN BURDICK
STRONGSVILLE, OHIO

Bancroft Acres
SPRING YORKSHIRE SALE
March 4, 1950
12:00 P. M.
60 HEAD — Bred and open gilts and young boars — "The Champion Bacon Hog of the World".
At WOLVERINE PAVILION
Williamston, Mich.

Single man, 27, desires opportunity to help establish a purebred Holstein herd on a partnership basis. I have the experience and knowledge, but need a partner who has a farm suitable for dairying. Available about April 1.
Write Conrad Hoover, Whitehouse, N. J.

PLANNING A SALE?

Yes, we can take your catalog
And do a job that's best.
If you'll reserve the date right NOW,
We'll take care of the rest.

NATIONAL PEDIGREE COMPANY
Mrs. Alice Waschow, Mgr.
Waukesha, Wisconsin

over the November price of $3.31. From now on the poultry raiser who produces quality eggs and meat will take less of a drop in prices than those who deliver just average products.

Beef Cattle. A few loads of steers each day commanded from $40.55 to $41.50 during the first ten days of January in Chicago. From mid-month top beef prices will have consistently been below $40 with a low of $28 registered on January 26. As we have stated previously, these prices on top steers are very misleading since they apply to such an infinitesimal part of each day's offerings. The average price for all steers are therefore, a much better market criterion. These worked up from $26 on January 3 to $27 on the 9th and then dropped to $25.75 next day and wavered around that mark for the rest of the month. The trend in prices is definitely downward on the better kinds with the poorer grades of cattle and stockers and feeders showing an upward tendency. Cattle on full feed should be pointed for the early summer market which should be best.

Hogs. The outlook for the hog market for the next month is for higher than normal seasonal advances, especially for the intermediate and light weight kinds with good finish. If you have some hogs just about ready, watch for the right spot and get them to market. Top barrows in Chicago rose from $16.25 on January 3 to a top high of $17.50 on the 26th. Average prices on all hogs varied from a low of $14.35 to $16.15 on the 26th. Spring farrowing is now under way in many areas and the fellow who watches his sows carefully during that period, to save as many little squealers as possible, will tuck away the biggest profit checks next fall. You wouldn't throw away $5 bills would you. Of course not, but did you ever stop to think that every pig you lose at birth cost you just about that amount in feed, care, overhead, etc., on the sow that farrowed it? The fellows we know who raise the biggest litters per sow are those who choose their sows with care, feed them right, and stay on the job day and night during the farrowing period.

Lambs. Top prices were paid for choice lambs in Chicago on January 9 and 10 at $25, while the low price was $23.75 on the 3rd and on several other days of the month. Those well equipped for lamb feeding can continue to make good profits on fat lambs if they buy them right as feeders or better still raise their own. The market trend would seem to be moderately upward.

Grains. Cash grain prices varied a few cents one way or the other during the month of January with all a cent or two lower than at the beginning of the month with the exception of soybeans which were 2¼ cents higher at $2.32¼. Corn and oats in Chicago stood at $1.33 and 76¼ cents per bushel on January 28. Wheat on the same date was $2.24⅝, Kansas City. Grain futures followed much the same pattern. All this adds up to a lowering trend in grains, unless for some unexpected reason, exports

should pick up. In our opinion, the big profit days in grain sold as such, are over. From now on it will bring higher returns to the grower when turned into meat, milk, and eggs.

249TH EARLVILLE SALE

Catalog Summary		
61 Females 2y & over (17 calves under 3m old)	$21043	$345.00
	1005	64.11
1 Bred Yearling	525	525.00
1 Open Yearling	340	340.00
2 Heifer calves over 3m	455	227.50
18 Bulls over 3m	5655	314.17
83 Head	$29015	$349.55
15 Orphan calves under 3m	1020	
	$30035	

At the 249th Earlville, N. Y., sale, January 4 there were 60 consignors and 80 buyers that entertained a crowd of 700 people as 117 Holsteins of all ages crossed the auction block for a cash total of $30,055.

The quality of this offering was decidedly up. Of late the quality in each sale seems better than the previous sale. The men behind the gun (the stablemen) certainly do dress the cattle in their "Sunday best."

Following are the averages as classified in the auction box: 53 cows $578. ($22 above last sale); 19 bulls, age 14 months $514. ($54 above last sale); 7 bred heifers $514. ($10 above last sale); 10 open heifers $175; 12 orphan heifers $56; 11 baby heifers $74; 5 baby bulls $31.

The top of the sale was a cow at $610 from Philip Hoag, Wingdale. One from Huntting Winans, Jr., Pine Plains, at $600. An open heifer at $525 from Broad Rock farm, Peace Dale, R. I. An Osborndale bull sold for $500 and a cow from Ambrose Smith, Richfield Springs, drew $505. Fifteen animals sold in the $400 bracket and 38 in the $300 range. R. Austin Backus' 1949 assistants are all with him for 1950.

JOHN R. PARSONS
Statistician

The buyers and details on sales of $500 and over:

Blount & Robbins, Lacona, N. Y. (2)
Winforms Aristocrat D Inka (1-46) $600
(Huntting C. Winans Jr., Pine Plains, N. Y.)

Walter Pike, Avon, N. Y.
Broad Rock Gracious Bessie (2-48) 535
(Broad Rock Farm, Peace Dale, R. I.)

R. H. Beard & Sons, Cortland, N. Y. (2)
Smithlyn Montvic Posch (1-45) 505
(Ambrose Smith, Richfield Springs, N. Y.)

E. B. Grover & Son, Afton, N. Y. (2)
Male (2-49) 500

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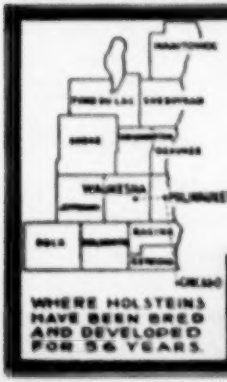

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Statistical data furnished by R. Austin Backus, Mexico, N. Y.

Report On Activities Of State Purebred D. C. Ass'ns

Since 1929 The Purebred Dairy Cattle Association, with five dairy breeds, has been conferring and making recommendations on common problems.

Many states seeing the benefit which accrued organized to gain benefits on a state basis. To obtain some idea of the scope of these organizations and how they operate the assistance of extension dairymen was obtained.

The first thing to note is that not all states have State Purebred Dairy Cattle Associations, and in many states the functions of such an association are assumed by other groups.

Of the forty-three states reporting, fifteen have State Purebred Dairy Cattle Associations, while twenty-eight have none. Seven of these latter have organizations which are covering the same ground but are not actually purebred organizations. The object of such organizations is well stated in the constitution of the Nebraska Inter-breed Dairy Council, "The object of this Council shall be to encourage uniformity of methods and practices between members of the Nebraska Inter-breed Dairy Council and, secondly, to work on projects of mutual benefit to all breeders."

I. Inter-Breed Conferences

The activities of the various State Purebred Dairy Cattle Associations are

greatly varied; yet they fall into five definite categories. The first of these is the promotion of inter-breed conferences. The way in which some of these inter-breed conferences become organized is clearly brought out by Mr. James W. Linn, Extension Specialist, Manhattan, Kansas. "The Kansas Inter-Breed Council is an outgrowth of the Spring Show program more than anything else. In 1934 four breeds began holding spring shows, and now it is six breeds. This program has been one of the greatest things to get dairy cattle men working together that has ever happened in Kansas, and had our breeders ready to work together when the council was organized."

Almost every purebred association calls a conference at least once a year, sometimes several times, at which matters of mutual interest are discussed. It is these inter-breed conferences which reflect back upon the enthusiasm of the regular breed meetings and give them point.

2. Shows (State Fair Recommendations)

A second area in which the State Purebred Dairy Cattle Associations are functioning effectively is in regard to shows. They have made a number of important suggestions in this regard.

Take the matter of the Selection and Training of Judges. Mr. Robert W. Bishop, Secretary-Treasurer of the Ohio Purebred Dairy Cattle Association, for example, gives this account: "Our biggest project for this year has been the annual Dairy Cattle Judging Conference. This is sponsored by the organization in cooperation with the dairy staff at Ohio State University. The purpose is to give those who do county fair and other local judging work in Ohio a review course in judging and conducting shows so it will be educational and beneficial to the ringside as well as to the exhibitors. Each breed selects five men to participate in the conference. A list of these approved judges is then circulated over Ohio to county agents, all local fair boards, asking them to give consideration to this group for their local judging work."

Space will not permit comment on all these fair activities. But among the various projects in the field may be listed classification, improvement, the selection of dairy queens (both cows and girls), the improvement of buildings, combined breed booths and joint exhibits, health requirements at fair grounds, local shows, etc.

3. 4-H and F. F. A.

Or, take the matter of sponsoring junior programs. Again, we quote directly, this time from Mr. C. S. Rhode, Professor of Dairy Husbandry, Urbana, Illinois: "The major project for 1949 was the holding of an inter-breed calf club sale for 4-H and F.F.A. members. Approximately 100 head of calves were selected and sold at an inter-breed sale held in the Livestock Judging Pavilion on the campus of the University of Illi-

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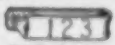

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nois. The sale was very successful and will apparently become an annual event."

4. College

Another area in which the State Purebred Dairy Cattle Associations are operating with great success is in cooperation with the colleges and universities. Here the activities cover a wide range from General Meetings, Dairy Day and a Date Clearing House, to a College Policy Committee. Research recommendations are publicized, production testing is carried on, and general cooperation with The Purebred Dairy Cattle Association fostered. Contests, publications, bull selection and bull placement and artificial breeding are promoted.

5. Sales

A fifth area in which the State Purebred Dairy Associations are functioning extensively is in regard to cattle sales. Here their labors are expended in improving cattle sales facilities and in fostering radio programs.

6. Publications

A sixth field, or area of activity, is in regard to certain publications, especially map directories and photography.

Mr. William R. Walker, Extension Dairyman for Connecticut, says: "Under the chairmanship of John D. Briscoe, with the cooperation of the five state breed organizations, a committee arranged for the State Development Commission to publish a series of map-directories. A map shows the location of all purebred establishments usually having stock for sale, and on the back is a keyed directory giving pertinent information about location, breeding, health programs and size.

7. Photography

Mr. Robert W. Bishop, says in regard to photography, "Three of the five breed associations have been working closely with livestock photographers and have organized a dairy cattle picture tour over Ohio with them to get cattle pictures. This program, of course, has been carried on by one breed association for many years but it is developing into an inter-breed program to save time and travel."

Many other projects of the Purebred Dairy Cattle Association should be mentioned, among them, One Day Breeding Schools for owners of registered dairy cattle, field days, picnics, tours, or type classification tours covering the state, awarding certificates to owners of registered cows with D.H.I.A., H.I.R. or official records that total three thousand, four thousand, or five thousand pounds of fat, disease control, production testing and type classification.

But certainly we have outlined enough to indicate what an important part in the purebred industry these state associations are playing, how they are cooperating with the national organization, and how, if they develop these projects more fully, their work may become a most welcome extension of the state breed association activities. They are certainly active, certainly growing and certainly helpful.

If anyone, especially from states which do not already have purebred organizations, wants a copy of a typical constitution and by-laws of such an organization, we shall be happy to send a copy of Connecticut's.

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Smiles—

HEALTH NOTE

Hospital patient: "They say walking is good for the health."

Another: "Not for my health. I walked last night when I should have run."

A noted eastern judge while visiting in the West went to church on Sunday; which isn't so remarkable as the fact that he knew beforehand that the preacher was exceedingly tedious and long-winded to the last degree. After the service the preacher met the judge in the vestibule, and said:

"Well, your Honor, how did you like the sermon?"

"Oh, it was wonderful," replied the judge. "It was like the peace and mercy of God."

Oh, I scarcely hoped to achieve that," said the preacher much flattered, "How can you make such a comparison?"

"Why very easily," replied the magistrate. "It was like the peace of God because it passed all understanding, and, like His mercy, I thought it would have endured forever."

Visitor (in early morning, after week-end, to chauffeur)—"Don't let me miss my train."

Chauffeur—"No danger, sir. The missus said if I did, it'd cost me my job."

There was a young lady named Hannah,
Who slipped on a peel of banana
As she lay on her side,
More stars she espied
Than there are in the Star-Spangled Banner.

"I'm studying to be a musical comedy actress."

"How are you getting along?"

"Great! I can now sleep until noon without any difficulty."

"The girl you were speaking to, Jack, seemed rather cold to you."

"Yes, she's an old flame."

A Historical novel is a book with a shapely wench on the jacket and no jacket on the shapely wench.

A doctor has discovered that radio is sometimes beneficial in cases of deafness. On the other hand, deafness is sometimes beneficial in cases of radio.

Customer in Drugstore (on Sunday morning)—"Please give me change for a dime."

Druggist—"Here it is. I hope you'll enjoy the sermon."

What prevents the greatest percentage of pregnancies in Holstein husbandry? Did you say "poor semen"?

RIGHT YOU ARE!

Purchase a son of Dean Rag Apple Ormsby — they have great potential inheritance for vigor, good breed type, milk and butterfat production. End many of your breeding problems.

His first 20 daughters to freshen, without a skip, have averaged

16,031.1 MILK — 3.9% — 625.6 FAT
(2y 3m 3X A.R. 359d)

He's the Bull with the Great Transmission

A Daughter –

HEDGE ADEAN ADANTHA

Recently finished her record of—

20353.0 M. 3.5% 718.6 F. 2-2 3X A.R. 365d

Four daughters of DEAN out of 20 have averaged—

20177.7 M. 3.7% 781.0 F. 2-5 3X A.R. 365d

Be assured of milk and butterfat production, pleasing type, breeding, vigor and efficiency—

OWN A SON OF "DEAN"

THE HEDGE — Pine Plains, N. Y.

FROM THE HEART OF THE "VEDA" FAMILY –

To the EARLVILLE SALE – MARCH 1st

INSTITUTOR RAG APPLE BUTTERFLY 1072194

Born March 1, 1949

He is a well-grown, very straight bull with lots of capacity. He is more light than dark.

His pedigree is richly Rag Apple, going twelve times to Johanna Rag Apple Pabst. Note that his maternal line is the same maternal line that produced National Champion, "Veda" with 1227 lbs. fat, 3X, 5%, the third maternal dam in this bull's pedigree being her own full sister. His sire's dam is a great year-after-year 2X producer, and his sire is a grandson of Montvic Pathfinder Segis, whose entire list of daughters, average 4.04%, going up to 4.76%.

SYLVIUS RAG APPLE EDUCATOR

His sire's sire, Montvic Pathfinder Segis is out of an 830-lb. 3X, 4.14% 3-yr-old daughter of Johanna Rag Apple Pabst. Montvic Pathfinder Segis is also maternal brother to the dam of Montvic R. A. Paragon, sire of 861- and 1120-lb. 2-yr-old, 3X, 3.94%, and 4.49% daughters.

His dam is one of Canada's most consistent year after year 2X producers.

BUTTERFLY BONETA LOCHINVAR

Fat 365d 3½y 561.80
Milk 3X 17122.00
(Last few days estimated)

This is a heifer that shows much promise, from the great "Veda" family, by Lochinvar and her dam by a 958-lb son of General Posch. She combines the Lochinvar, Posch, and Chieftain 7th sires plus the old "Veda" family.

RAYMONDALE EDUCATOR

3 R O M Daughters
Dale Re-Echo R. A. 4y 453.00
Milk 2X 4.01% 11306.00
Kath. Dutch. Lan 4y 447.00
Milk 2X 4.12% 10838.00
Both 305-day records.

MEADOWBRAE SYLVIA POLLY

365d	8y	2X	20075 M	668 F
365d	10y	2X	18542 M	649 F
365d	7y	2X	18875 M	644 F
365d	5½y	2X	18524 M	624 F
365d	6y	2X	18130 M	617 F
365d	4½y	2X	18133 M	601 F

Lifetime total—9 lacts.:
Fat 5265 M. 2X 154241

MONTVIC LOCHINVAR

Sire. 1st Get, Eastern States, 1947.
82 Tested Daughters
8 from 808 to 925 lbs.
15 from 608 to 777 lbs.
28 from 511 to 597 lbs.

NANNETTE RAG APPLE POSCH

365d 5½y 3X 21050 5.8% 806.2
365d 4 y 3X 17699 4.1% 731.5
305d 3 y 3X 14588 5.6% 528.8
Carried calf 227 days—
1 A R Daughter

MONTVIC PATHFINDER SEGIS

18 R O M Daus., ave. 4.04%
6 from 647 to 761 lbs.
9 from 509 to 574 lbs.
2 test 4.65% and 4.70%

RAYMONDALE VIRGINIA 2D

Fat 365d 2y 608.00
Milk 3X 3.47% 17543.00
She by Raymondale Successor.

KING SYLVIA ORMSBY PIEBE

27 R O M Daughters
3 with 668, 724 and 860 lbs.
9 from 506 to 580 lbs.

MEADOWBRAE ORMSBY LUCY

365d 5y 2X 15237 M. 519.0F.
4 R O M Daughters
2 with 503 and 668 lbs. 2X
2 with 474 and 491 lbs., 2X

RAYMONDALE IDEAL SUCCESSOR

Sold for $18,000 at 9 years
45 Tested Daughters
3 with 1008, 1019 and 1163 lbs.

MONTVIC CHAMPION ABBEKERK

Res. All-Amer. 5-yr-old, 1935
365d 7y 3X 21620 4.19% 905.0
2 "E" Daus—780 and 1019 lbs. 3X

DUKE WILSON POSCH

4 A R Daughters
1 with 806 lbs. 5½y, 3X, 5.8%
16 H T Daughters
5 from 524 to 678 lbs.

PEBBLE BEACH NAN

365d 5y 4X 20797 4.7% 967.8
(N. Y. St. Rec.—4th in U. S.)
Her sire sold for $2,200.
She has 3 full sisters with 944, 967, 1227 lbs. 4.6% to 5%.

His four direct maternal dams all made their records at Butterfly. They average: Fat 776.6. Milk 20191 3.85%

Attend this important **EARLVILLE SALE, March 1st**—study this bull and his pedigree. If you cannot attend, send now for details on how you may bid on him.

BUTTERFLY FARMS

R. AUSTIN & JAY W. BACKUS, Owners **Mexico, N. Y.** **GILBERT WELCH, Herdsman**

Semen from Butterfly Herd Sires, Butterfly Verdiction Lochinvar and Butterfly Barney Lochinvar is now available. **Did you know that Lochinvar sons have sired three World Champions and four 1100-lb, 3X fat cows.** Verdiction and Barney are both by Lochinvar.